

GENERAL NOTES

1. ELECTRICAL CODED NOTES, ELECTRICAL ABBREVIATIONS & ELECTRICAL SYMBOLS INDICATED ON THIS SHEET APPLY TO DRAWINGS EG001 THROUGH EY102

2. WORK IN OR ABOVE CEILINGS OF OCCUPIED AREAS MUST BE PERFORMED AFTER NORMAL BUSINESS HOURS OR ON WEEKENDS.

3. ALL CEILINGS REMOVED ON OCCUPIED FLOORS MUST BE REINSTALLED AT THE END OF EACH WORK DAY.

4. OPENINGS IN CEILINGS IN OCCUPIED AREAS MUST BE CLOSED WITH AN APPROVED FLAME-RESISTANT BARRIER AT THE END OF EACH WORK DAY.

PHASING & CONSTRUCTION NOTES

1. WORK IN OR ABOVE CEILINGS OF OCCUPIED AREAS MUST BE DONE AFTER NORMAL BUSINESS HOURS OR ON WEEKENDS. THE AREA SHOWN HATCHED ON CEILING PLANS INDICATES THE GENERAL AREA TO BE REMOVED & RE-INSTALLED BUT IS NOT GUARANTEED TO COVER ALL CONDITIONS. THE CONTRACTOR IS REQ'D TO REMOVE & REPLACE ANY ADDITIONAL CEILING AREAS AS NEEDED TO PERFORM THE WORK AS NOTED BY HVAC, PLUMBING & ELECTRICAL. ANY CEILING PANELS THAT ARE DAMAGED CANNOT BE RE-INSTALLED AND MUST BE REPLACED.

2. ANY CEILINGS REMOVED ON OCCUPIED FLOORS MUST BE PUT BACK IN OR BE PROTECTED WITH APPROVED FLAME-RESISTANT BARRIER AT THE END OF EACH SHIFT. ANY OCCUPIED AREAS BEING WORKED IN MUST BE RESTORED TO USABLE CONDITION BY MORNING, SO THE OWNER CAN RESUME NORMAL OPERATIONS.

3. PHASING LIMITS SHOWN ON ARCHITECTURAL FIRST FLOOR CEILING PLANS ARE INTENDED TO SHOW THE SEQUENCE OF WORK IN OCCUPIED AREAS. SIMULTANEOUS WORK IN MULTIPLE AREAS WILL NOT BE ALLOWED. THE CONTRACTOR IS TO LIMIT THE WORK ON OCCUPIED FLOORS TO SMALL AREAS WITHIN THE PHASING LIMITS AS APPROVED BY THE VA'S RESIDENT ENGINEER. THAT CAN BE RESTORED IN A TIMELY MANNER, RESTORING OR PROTECTING THE CEILINGS AT THE END OF EACH SHIFT AS NOTED ABOVE.

4. CONTRACTOR MUST MAINTAIN CLEAR ENTRANCE/EXIT ROUTES TO THE EMERGENCY DEPT. AND IN ALL CORRIDORS OF OCCUPIED AREAS ON A 24-HR / 7-DAY PER WEEK BASIS, MAINTAIN MIN. 5' CLEAR PATH BY INSTALLING TEMPORARY VISQUEEN BARRIER DOWN CENTER OF THE CORRIDOR AND LIMITING WORK TO ONE SIDE AT A TIME. REMOVE THE BARRIER AND RESTORE THE WORK AREA FOR NORMAL OWNER USE EACH MORNING.

5. FOLLOW INFECTION CONTROL PROCEDURES WHILE WORKING IN OCCUPIED AREAS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

ELECTRICAL CODED NOTES

SIGNAL / COMMUNICATIONS NOTES

S1

TEST SWITCH FOR ELEVATOR HEAT DETECTORS.

S2

FIRE ALARM INTERFACE MODULE TO RELEASE MAGNETIC LOCKS WHEN FIRE ALARM SYSTEM IS IN "ALARM" MODE.

S3

INSTALL DETECTOR AT TOP OF ELEVATOR SHAFT.

S4

CONNECT NEW COMMUNICATIONS JACK TO EXISTING PATCH PANEL IN ROOM E034B. PROVIDE (1) 1-INCH RACEWAY FROM COMMUNICATIONS OUTLET TO ROOM E034B.

S5

CONNECT TO EXISTING DETECTION LOOP ON THIS FLOOR. VERIFY EXACT LOCATION OF CONNECTION POINT.

S6

INSTALL TELECOMMUNICATIONS JACKS IN FLOOR BOX. PROVIDE (1) 1-INCH RACEWAY FROM FLOOR BOX TO ABOVE ACCESSIBLE CEILING FOR TELECOMMUNICATIONS CABLES.

S7

INSTALL TELECOMMUNICATIONS OUTLET IN KNEE SPACE BELOW COUNTER TOP. SEE INTERIOR ELEVATIONS.

S8

INSTALL TELECOMMUNICATIONS OUTLET IN CEILING ADJACENT TO POWER RECEPTACLES. SEE REFLECTED CEILING PLAN.

S9

INSTALL TELECOMMUNICATIONS OUTLET BEHIND WALL-MOUNTED MONITOR. SEE INTERIOR ELEVATIONS.

S10

INSTALL NEW PAGING SPEAKER AND CONNECT TO NEAREST PAGING SPEAKER.

S11

INSTALL TELECOMMUNICATIONS OUTLET ADJACENT TO MECHANICAL EQUIPMENT CONTROL PANEL.

S12

INSTALL DUCT SMOKE DETECTOR IN SUPPLY AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.

S13

INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.

S14

EXTEND FIRE/SMOKE DAMPER CIRCUIT TO ROOM M301.

S15

CONNECT TO 120-VAC DAMPER CIRCUIT. EXTEND 120-VAC DAMPER CIRCUIT TO OTHER DAMPERS AS INDICATED.

S16

PROVIDE NEW ON/OFF SWITCH ON EXISTING FIRE ALARM CONTROL PANEL LOCATED ON THE FIRST FLOOR OF BUILDING 1. PROGRAM EXISTING FIRE ALARM CONTROL PANEL TO PROVIDE MANUAL OPEN/CLOSE CONTROL OF DAMPER AT TOP OF SHAFT.

S17

INSTALL OUTLETS IN PERMANENT WALL BEHIND MODULAR FURNITURE.

S18

INSTALL ACCESS CONTROL CARD READER IN ELEVATOR CAB. PROVIDE CABLING BETWEEN CARD READER AND ELEVATOR CONTROLLER.

S19

PROVIDE TELECOMMUNICATIONS OUTLET ADJACENT TO DOOR CONTROLLER FOR CONNECTION TO ACCESS CONTROL SERVER.

S20

A TOTAL OF (10) OF THE NEW TELECOMMUNICATIONS JACKS REQUIRED IN THIS AREA SHALL BE DESIGNATED FOR ANALOG SERVICE. VERIFY WHICH JACKS WILL BE SO DESIGNATED WITH THE GOVERNMENT PRIOR TO INSTALLING CABLE. TERMINATE DESIGNATED ANALOG JACKS AS INDICATED ON SHEET EG-602.

S21

NEW MAGNETIC DOOR HOLDERS SHALL RELEASE WHEN ADJACENT, CORRIDOR SMOKE DETECTORS ARE IN ALARM CONDITION.

S22

RELOCATE EXISTING FIRE ALARM, PAGING, TELECOMMUNICATIONS, ACCESS CONTROL AND CATV RACEWAY AND CABLING AS NECESSARY TO ACCOMMODATE NEW SHAFT ABOVE AND BELOW THIS FLOOR LEVEL.

S23

PROVIDE NEW MANUAL SWITCH IN EXISTING FIRE ALARM CONTROL PANEL. PROGRAM SWITCH TO MANUALLY OPEN/CLOSE NEW DAMPER AT TOP OF LIFT SHAFT ON 5TH FLOOR.

S24

DAMPERS SHALL CLOSE WHEN DUCT SMOKE DETECTOR SHUTS DOWN RESPECTIVE AIR HANDLING UNIT.

S25

DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN ROOM D200 AND WEST END OF CORRIDOR C202 GOES INTO ALARM CONDITION.

S26

DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN CORRIDOR C201 AND HALL C2D3 GOES INTO ALARM CONDITION.

S27

DAMPER SHALL CLOSE WHEN SMOKE DETECTOR IN HALL C2E2 OR SMOKE DETECTOR IN ROOM E202 GOES INTO ALARM CONDITION.

S28

INSTALL DUCT SMOKE DETECTOR IN HORIZONTAL DUCTWORK BRANCH CONNECTION TO VERTICAL DUCTWORK. DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR GOES INTO ALARM CONDITION.

S29

INSTALL NEW CEILING-MOUNTED SMOKE DETECTORS ON EXISTING CEILING. INSTALL BOXES AND RACEWAY ABOVE EXISTING CEILING.

ELECTRICAL ABBREVIATIONS

ACS

ACCESS CONTROL SYSTEM

AF

AMP FUSE

AFF

ABOVE FINISHED FLOOR DIRECTLY UNDER THE ITEM

APP

ARC FLASH PROTECTION

AL

ALUMINUM

ALT

ALTERNATE

ANN

ANNUNCIATOR

ATS

AUTOMATIC TRANSFER SWITCH

BATT

BATTERY

BKBD

KEYBOARD

BOT

BOTTOM

C

CONDUIT

C3

CATEGORY 3

C5

CATEGORY 5

C5E

CATEGORY 5E

C6

CATEGORY 6

CAB

CABINET

CATV

COMMUNITY ANTENNA TELEVISION

CB

CIRCUIT BREAKER

CCT

CIRCUIT(S)

CCTV

CLOSED CIRCUIT TELEVISION

CLG

CEILING

CLK

CLOCK

CO

CONDUIT ONLY

COMM

COMMUNICATIONS

CONC

CONCRETE

CONT

CONTRACTOR

CONTR

CONTRACTOR

CT

CURRENT TRANSFORMER

CTL

CONTROL

CU

COPPER

CWB

COLD WEATHER BALLAST

DCS

DOOR CONTROL SYSTEM

DET

DETECTOR

DISC

DISCONNECT

DIST

DISTRIBUTION

DIV

DIVISION

DW

DISHWASHER

DN

DOWN

DX

DUPLEX

EA

EACH

EF

EXHAUST FAN

EHD

ELECTRIC HAND/HAIR DRYER

EMER

EMERGENCY

EMS

ENERGY MANAGEMENT SYSTEM

EMCS

ENERGY MANAGEMENT & CONTROLS SYSTEM

EMT

ELECTRICAL METALLIC TUBING

ENCL

ENCLOSURE

EOLR

END OF LINE RESISTOR

EPO

EMERGENCY POWER OFF

EQP

EQUIPMENT

ER

TELECOMMUNICATIONS EQUIPMENT ROOM

EXG

EXISTING

EWV

ELECTRIC WATER COOLER

F

FUSE

FA

FIRE ALARM

FAC

FIRE ALARM CONTROL

FASC

FIRE ALARM SIGNAL CONTROLLER

FSD

FAN SHUTDOWN

FO

FIBER-OPTIC

F/SD

FIRE/SMOKE DAMPER

FIX

FIXTURE

FLR

FLOOR

FMC

FLEXIBLE METAL CONDUIT

GCS

GATE CONTROL SYSTEM

GEN

GENERATOR

GFI

GROUND FAULT INTERRUPTER

GFP

GROUND FAULT PROTECTION

GND

GROUND

GRC

GALVANIZED RIGID STEEL CONDUIT

HT

HEIGHT

HTR

HEATER

HWT

WATER HEATER

IC

INTERCOM

IDF

TELECOMMUNICATIONS INTERMEDIATE DISTRIBUTION FACILITY XP

IG

ISOLATED GROUND

IMC

INTERMEDIATE METAL CONDUIT

ISP

INSIDE PLANT

JB

JUNCTION BOX

KS

KEY SWITCH

LFMC

LIQUID FLEXIBLE METAL CONDUIT

LOC

LOCATION

LTG

LIGHTING

MTGB

MAIN TELECOMMUNICATIONS GROUND BUS

MC

MOMENTARY CONTACT

MCC

MOTOR CONTROL CENTER

MOF

TELECOMMUNICATIONS MAIN DISTRIBUTION FACILITY

MM

MULTI-MODE

MMOF

MULTI-MODE OPTICAL FIBER

MMS

MANUAL MOTOR STARTER

MTD

MOUNTED

MTR

MOTOR

MW

MICROWAVE

NC

NORMALLY-CLOSED

NO

NORMALLY-OPEN

NL

NIGHT LIGHT

OAN

OR AS NOTED

OFCI

OWNER-FURNISHED, CONTRACTOR-INSTALLED

OH

OVERHEAD

OSP

OUTSIDE PLANT

PA

PUBLIC ADDRESS

PB

PUSHBUTTON

PC

PHOTOCCELL

PLYWD

PLYWOOD

PMP

PUMP

PNL

PANELBOARD

PT

POTENTIAL TRANSFORMER

PVC

RIGID NONMETALLIC CONDUIT

PWR

POWER

REC

RECEPTACLE

REF

REFRIGERATOR

RMC

RIGID METAL CONDUIT

RNC

RIGID NON-METALLIC CONDUIT

SC

SHORT CIRCUIT

SCBD

SCOREBOARD

SEC

SECURITY

SIM

SIMILAR

SM

SINGLE-MODE

SMOF

SINGLE-MODE OPTICAL FIBER

SMR

SURFACE METAL RACEWAY

SPD

SURGE PROTECTION DEVICE

SURF

SURFACE

SV

SOLENOID VALVE

SW

SWITCH

SWBD

SWITCHBOARD

SWGR

SWITCHGEAR

SYS

SYSTEMS

TC

TIME CLOCK

TEL

TELEPHONE

TELCOM

TELECOMMUNICATIONS

TGB

TELECOMMUNICATIONS GROUND BUS

TYP

TYPICAL

UC

UNDER CABINET

UF

UNDER FLOOR

UG

UNDERGROUND

UGPP

UNDERGROUND PRIMARY POWER

UGSP

UNDERGROUND SECONDARY POWER

UGT

UNDERGROUND TELECOMMUNICATIONS

UGTV

UNDERGROUND TELEVISION

UPS

UNINTERRUPTABLE POWER SUPPLY

UTP

UNSHIELDED TWISTED PAIR CABLE

VER

VERIFY

WG

WIRE GUARD

WP

WEATHERPROOF

WPL

WEATHERPROOF LOCKING

WPU

WEATHERPROOF WHILE IN USE

XC

CROSS CONNECT

XFMR

TRANSFORMER

XFR

TRANSFER

EXPLOSIONPROOF

GENERAL

NOTES:

1. INDICATED MOUNTING HEIGHTS ARE TO THE CENTER LINE OF BOX, UNLESS NOTED OTHERWISE.

2. SEE PLANS FOR NON-STANDARD MOUNTING HEIGHTS.

3

CODED NOTE REFERENCE

101

ROOM NUMBER

EC-1

MECHANICAL/SPECIAL EQUIPMENT DESIGNATION

SUBSCRIPTS DENOTE:

"2" TWO-POLE

"3" THREE-WAY

"4" FOUR-POLE

"A" AUTO-TRANSFORMER DIMMER

"D" SOLID-STATE DIMMER

"K" KEI-OPERATED

"M" MOMENTARY-CONTACT

"P" PILOT-LIGHT

"W" WEATHER-PROOF DEVICE

WALL SWITCH OCCUPANCY SENSOR +46"

WALL SWITCH +46"

EACH LOWER CASE LETTER DENOTES (1) SWITCH & ORDER OF SW'S

SPECIAL SWITCH +46"

COMBINATION SWITCH & DUPLEX RECEPTACLE +46"

FIRE ALARM SYSTEM

10

COMBINATION AUDIBLE/VISUAL FIRE ALARM SIGNAL +82"

SUBSCRIPT DENOTES CANDELA RATING

135

HEAT DETECTOR - RATE OF RISE

SUBSCRIPT DENOTES FIXED TEMPERATURE RATING

30

VISUAL FIRE ALARM SIGNAL +82"

SUBSCRIPT DENOTES CANDELA RATING [RATING SHALL BE 15 CANDELA UNLESS NOTED]

35

HEAT DETECTOR - RATE OF RISE

SUBSCRIPT DENOTES FIXED TEMPERATURE RATING

A

SMOKE DETECTOR

"4" DENOTES ABOVE CEILING

DUCT MOUNTED SMOKE DETECTOR

PROVIDE REMOTE CEILING MOUNTED L.E.D. W/TEST & RESET SWITCH

SMOKE DETECTOR IS LOCATED ABOVE CEILING (OR ABOVE 12" AFF)]

C

ADDRESSABLE CONTROL OR MONITOR MODULE

"C" DENOTES CONTROL

"M" DENOTES MONITOR

ANNUNCIATOR +46

MANUAL STATION +46"

IONIZATION DETECTOR

1

SMOKE BEAM DETECTORS

1

SPRINKLER FLOW SWITCH CONNECTION

1

SPRINKLER VALVE SUPERVISORY SWITCH CONNECTION

1

DRY SPRINKLER AIR PRESSURE SWITCH CONNECTION

1

MAGNETIC HOLD OPEN DEVICE +74"

1

OVERHEAD DOOR HOLD-OPEN DEVICE

1

INTERFACE RELAY W/10AMP MIN. CONTACTS

1

INTERFACE RELAY FOR ELEVATOR RECALL

1

KEY-OPERATED TEST SWITCH W/ INDICATOR LIGHT +60"

1

CONNECTION TO FIRE/SMOKE DAMPER

1

CONNECTION TO ELECTRIC DOOR CLOSER

1

FIREFIGHTERS TELEPHONE JACK

1

MAGNETIC HOLD OPEN DEVICE +74"

1

SPEAKER

TELECOMMUNICATION CABLE SYSTEM

▷

SINGLE-GANG OUTLET W/BLANK PLATE +18"

▷

SINGLE-GANG OUTLET W/(1) TELCOM JACK +18"

"K" DENOTES WALL MOUNTED FOR WALL PHONE +46"

▷

SINGLE-GANG OUTLET W/(2) TELCOM JACKS +18"

▷

SINGLE-GANG OUTLET W/(3) TELCOM JACKS +18"

▷*

SINGLE-GANG OUTLET +18"

SUBSCRIPT (+) DENOTES QUANTITY OF TELCOM JACKS

FREESTANDING TELCOM RACK

BACKSIDE

ACCESS CONTROL

1

CARD READER

1

DOOR POSITION SWITCH

1

MAGNETIC LOCK

1

REQUEST-TO-EXIT PUSHBUTTON

1

ELECTRIC DOOR OPERATOR

PAGING SYSTEM

1

PAGING SPEAKER

"K" DENOTES WALL MOUNTED [+102"]

1

VOLUME CONTROL +46"

TELEVISION DISTRIBUTION (CATV) SYSTEM

1

TELEVISION (CATV) OUTLET +18"

1

TELEVISION SPLITTER

1

TELEVISION TAP

NUMBER (+) DENOTES TRUNK IDENTIFICATION

NURSE CALL SYSTEM

1

DOME LIGHT WALL MOUNTED +90"

"2" DENOTES ZONE LIGHT

1

DOME LIGHT CEILING MOUNTED

"2" DENOTES ZONE LIGHT

1

TOILET ROOM STATION W/PULLSTRING +46"

"5" DENOTES SHOWER STATION [+72"]

1

SINGLE BED PATIENT CALL STATION +46"

1

MEDICAL EMERGENCY/CODE BLUE STATION +46"

1

DUTY STATION +46"

1

STAFF STATION +46"

1

MASTER CONTROL STATION OUTLET & CONSOLE +18"

1

PROGRAMMABLE FUNCTION PUSH BUTTON STATION +46"

"4" DENOTES AOE PRESENT

"D" DENOTES DOCTOR PRESENT

"N" DENOTES NURSE PRESENT

"O" DENOTES ORDERING AOE READY

"R" DENOTES ROOM IS READY

DEMOLITION SUBSCRIPTS

E

DENOTES EXISTING TO REMAIN IN SERVICE

R

DENOTES EXISTING TO BE REMOVED

ER

DENOTES EXISTING TO BE RELOCATED

RE

DENOTES RELOCATED ITEM IN NEW LOCATION

RR

DENOTES REMOVE AND REINSTALL IN ORIGINAL LOCATION

EA

DENOTES EXISTING TO BE ABANDONED IN PLACE

REMOVE DEVICE & WIRING AND PROVIDE BLANK PLATE

EN

DENOTES EXISTING TO BE REPLACED

WITH NEW AT ORIGINAL LOCATION

GENERAL NOTES, PHASING & CONSTRUCTION NOTES, ELECTRICAL CODED NOTES, ELECTRICAL ABBREVIATIONS & ELECTRICAL SYMBOLS INDICATED ON THIS SHEET APPLY TO SHEETS EG601 THROUGH EY102

FIRE ALARM SYSTEM CONTROL MATRIX

MANUAL STATION

CEILING-MOUNTED SMOKE DETECTOR

LOSS OF NORMAL BUILDING POWER

LOSS OF FIRE ALARM SYSTEM BATTERY POWER

OPEN, SHORT OR GROUND IN SIGNAL CIRCUIT

REMOVAL OF DEVICE OR CONTROL MODULE

FIRE/SMOKE DAMPER DUCT SMOKE DETECTOR

SUPPLY FAN OR RETURN FAN DUCT SMOKE DETECTOR

MANUAL SHUT DOWN OF ALL AHU THRU THE FIRE ALARM SYSTEM

SHUT DOWN OF ALL AHU OTHER THAN THRU THE FIRE ALARM SYSTEM

SPRINKLER WATER FLOW SWITCH

SPRINKLER VALVE SUPERVISORY SWITCH POSITION

MANUAL SWITCH IN MAIN FIRE ALARM CONTROL PANEL

LOSS OF ELEVATOR POWER MODULE VOLTAGE

BASEMENT ELEVATOR LOBBY SMOKE DETECTOR

2ND FLOOR ELEVATOR LOBBY SMOKE DETECTOR

ELEVATOR SHAFT DETECTOR

ELEVATOR MACHINE ROOM DETECTOR

ANNUNCIATE AT FA CONTROL PANELS & ALL ANNUNCIATORS (ALARM)

ANNUNCIATE AT FA CONTROL PANELS & ALL ANNUNCIATORS (SUPERVISORY)

ANNUNCIATE AT THE FA CONTROL PNL AT ALL REMOTE CONTROL PNLS & AT ALL ANNUNCIATORS (TROUBLE)

ANNUNCIATE AT REMOTE 24 HOUR CENTRAL STATION VIA EXG ALARM NETWORK (ALARM)

ANNUNCIATE AT REMOTE 24 HOUR CENTRAL STATION VIA EXG ALARM NETWORK (SUPERVISORY)

ANNUNCIATE AT REMOTE 24 HOUR CENTRAL STATION VIA FIRE ALARM NETWORK (TROUBLE)

ACTIVATE VISUAL SIGNALS ONLY IN THE ZONE IN WHICH THE ALARM IS INITIATED

ACTIVATE ALL NEW & EXG AUDIBLE SIGNALS IN BUILDING 1

RELEASE MAGNETICALLY-HELD DOORS ON THE 2ND FLOOR

SHUT DOWN AIR HANDLING SUPPLY FANS ASSOCIATED W/ DETECTOR

SHUT DOWN AIR HANDLING RETURN FANS ASSOCIATED W/ DETECTOR

CLOSE ALL SMOKE DAMPERS ASSOCIATED W/ SUPPLY & RETURN FANS

OPEN DAMPER @ TOP OF LIFT SHAFT

UNLOCK MAGNETIC DOOR LOCKS

SHUT DOWN ELEVATOR POWER

RECALL ELEVATOR TO BASEMENT

RECALL ELEVATOR TO ALTERNATE SECOND FLOOR

NOTES:

1. FLASH "FIRE HAT" IN ELEVATOR CAB. INDICATE TROUBLE WHEN LOCK-OUT SWITCH IS ACTIVATED.

2. LOSS OF NORMAL POWER SHUTS DOWN ITEMS SO NOTED.

3. ACTIVATE TROUBLE CONDITION UPON OPEN, SHORT, GROUND OR REMOVAL OF DEVICE FROM INITIATION CIRCUITS.

4. ACTIVATE TROUBLE CONDITION UPON OPEN, SHORT, GROUND OR REMOVAL OF DEVICE FROM INITIATION CIRCUITS OR OVERCOMPENSATION BEYOND ACCEPTABLE LIMITS.

5. SHUT DOWN ELEVATOR VIA ELEVATOR POWER MODULE. SEE DRAWING EP-110

6. PROVIDE RELAY W/ ADJUSTABLE DELAY TO ALLOW AIR MOVEMENT TO DECREASE BEFORE SHUTTING SMOKE DAMPERS.

DEPARTMENT OF VETERANS AFFAIRS
MEDICAL CENTER

DEPARTMENT OF ENGINEERING OPERATIONS
MAIN OFFICE 509-434-7000

SPokane, WA 99205-6197
FAX 509-434-7135

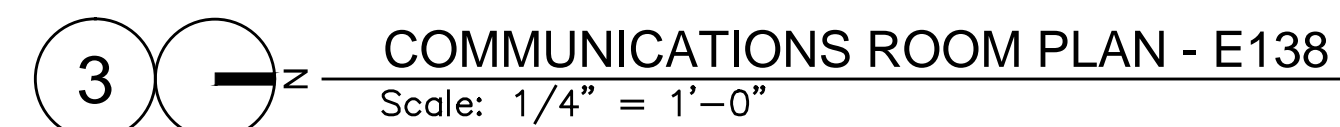
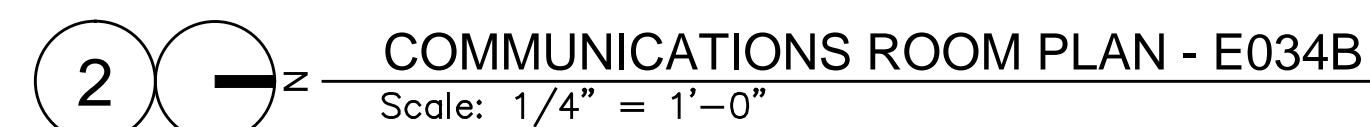
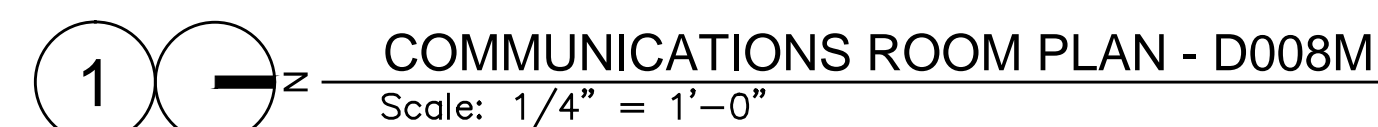
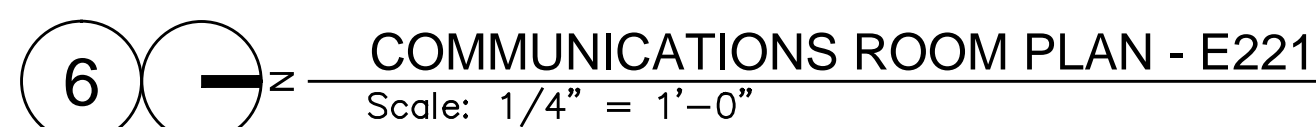
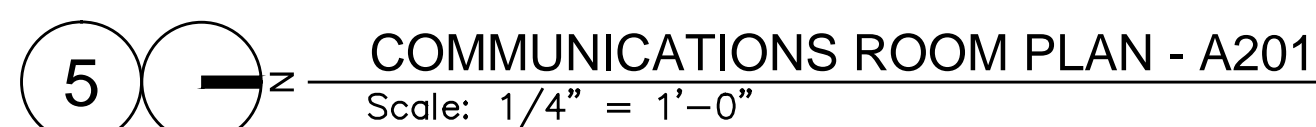
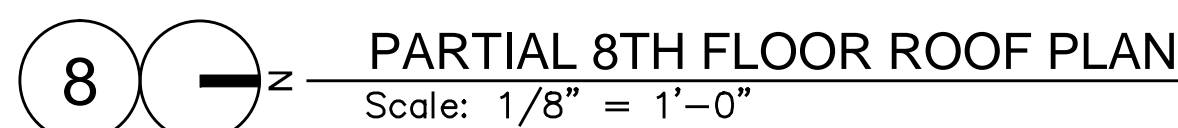
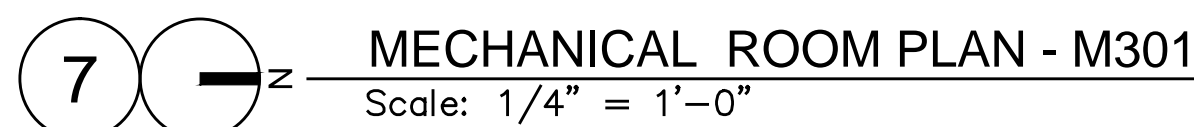
CONSTRUCT ENDOSCOPY & CENTRAL PROCESSING ADDITION,
VAMC SPOKANE
668-309

SHEET TITLE
ELECTRICAL SYMBOLS, ABBREVIATIONS & CODED NOTES

SEAL
BRUCE S. JENSEN
STATE OF WASHINGTON
23536
REGISTERED PROFESSIONAL ENGINEER
01-19-2012

DESIGN BBT
DRAWN KVT
APPROVED BBT
DATE 01-19-2012
FILE NO.
NAC# 111-10028
SHEET NO.
E
601
SHEET 185 OF 199

NAC
ARCHITECTURE
1203 W RIVERSIDE AVE | SPOKANE, WA 99201-1107 | P: 509.838.8240 | F: 509.838.8261



- 51 TEST SWITCH FOR ELEVATOR FIRE DETECTORS.

52 FIRE ALARM INTERFACE MODULE TO RELEASE MAGNETIC LOCKS WHEN FIRE ALARM SYSTEM IS IN "ALARM" MODE.

53 INSTALL DETECTOR AT TOP OF ELEVATOR SHAFT.

54 CONNECT NEW COMMUNICATIONS JACK TO EXISTING PATCH PANEL. PROVIDE (1) 1-INCH RACEWAY FROM ROOM E034B. PROVIDE (1) 1-INCH RACEWAY FROM COMMUNICATIONS OUTLET TO ROOM E034B.

55 CONNECT TO EXISTING DETECTION LOOP ON THIS FLOOR. VERIFY EXACT LOCATION OF CONNECTION POINT.

56 INSTALL TELECOMMUNICATIONS JACKS IN FLOOR BOX. PROVIDE (1) 1-INCH RACEWAY FROM FLOOR BOX TO ABOVE ACCESSIBLE CEILING FOR TELECOMMUNICATIONS CABLES.

57 INSTALL TELECOMMUNICATIONS OUTLET IN KNEE SPACE BELOW COUNTER TOP. SEE INTERIOR ELEVATIONS.

58 INSTALL TELECOMMUNICATIONS OUTLET IN CEILING ADJACENT TO POWER RECEPTACLES. SEE REFLECTED CEILING PLAN.

59 INSTALL TELECOMMUNICATIONS OUTLET BEHIND WALL-MOUNTED MONITOR. SEE INTERIOR ELEVATIONS.

510 INSTALL NEW PAGING SPEAKER AND CONNECT TO NEAREST PAGING SPEAKER.

511 INSTALL TELECOMMUNICATIONS OUTLET ADJACENT TO MECHANICAL EQUIPMENT CONTROL PANEL.

512 INSTALL DUCT SMOKE DETECTOR IN SUPPLY AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.

513 INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.

514 EXTEND FIRE/SMOKE DAMPER CIRCUIT TO ROOM M301.

515 CONNECT TO 120-VAC DAMPER CIRCUIT. EXTEND 120-VAC DAMPER CIRCUIT TO OTHER DAMPERS AS INDICATED.

516 PROVIDE NEW ON/OFF SWITCH ON EXISTING FIRE ALARM CONTROL PANEL LOCATED ON THE FIRST FLOOR OF BUILDING 1. PROGRAM EXISTING FIRE ALARM CONTROL PANEL TO PROVIDE MANUAL OPEN/CLOSE CONTROL OF DAMPER AT TOP OF SHAFT.

517 INSTALL OUTLETS IN PERMANENT WALL BEHIND MOBILE FURNITURE.

518 INSTALL ACCESS CONTROL CARD READER IN ELEVATOR CAB. PROVIDE CABLEING BETWEEN CARD READER AND ELEVATOR CONTROLLER.

519 PROVIDE TELECOMMUNICATIONS OUTLET ADJACENT TO DOOR CONTROLLER FOR CONNECTION TO ACCESS CONTROL SERVER.

520 A TOTAL OF (10) OF THE NEW TELECOMMUNICATIONS JACKS REQUIRED IN THIS AREA SHALL BE DESIGNATED FOR ANALOG SERVICE. VERIFY WHICH JACKS WILL BE SO DESIGNATED WITH THE GOVERNMENT PRIOR TO INSTALLING CABLE. TERMINATE DESIGNATED ANALOG JACKS AS INDICATED ON SHEET EG-602.

521 NEW MAGNETIC DOOR HOLDERS SHALL RELEASE WHEN ALARM CONDITION, CORRIDOR SMOKE DETECTORS ARE IN ALARM CONDITION.

522 RELOCATE EXISTING FIRE ALARM, PAGING, TELECOMMUNICATIONS, ACCESS CONTROL AND CATHY RAGAN CABLE CONTROL PANEL. NECESSARY TO ACCOMMODATE NEW SHAFT ABOVE AND BELOW THIS FLOOR LEVEL.

523 PROVIDE NEW MANUAL SWITCH IN EXISTING FIRE ALARM CONTROL PANEL. PROGRAM SWITCH TO MANUALLY OPEN/CLOSE NEW DAMPER AT TOP OF LIFT SHAFT ON 8TH FLOOR.

524 DAMPERS SHALL CLOSE WHEN DUCT SMOKE DETECTOR SHUTS DOWN RESPECTIVE AIR HANDLING UNIT.

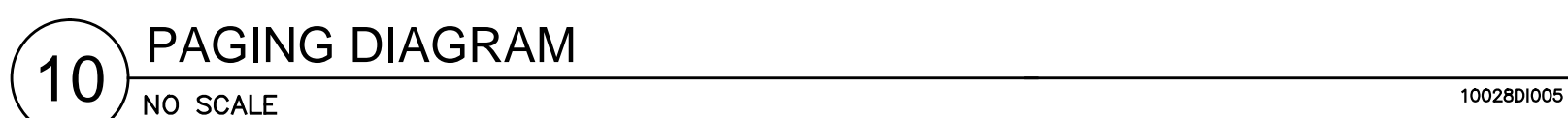
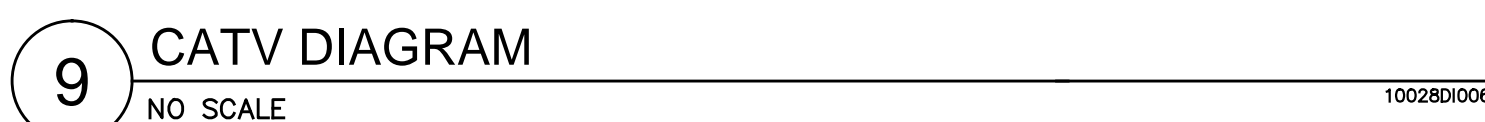
525 DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN ROOM D200 AND WEST END OF CORRIDOR C202 GOES INTO ALARM CONDITION.

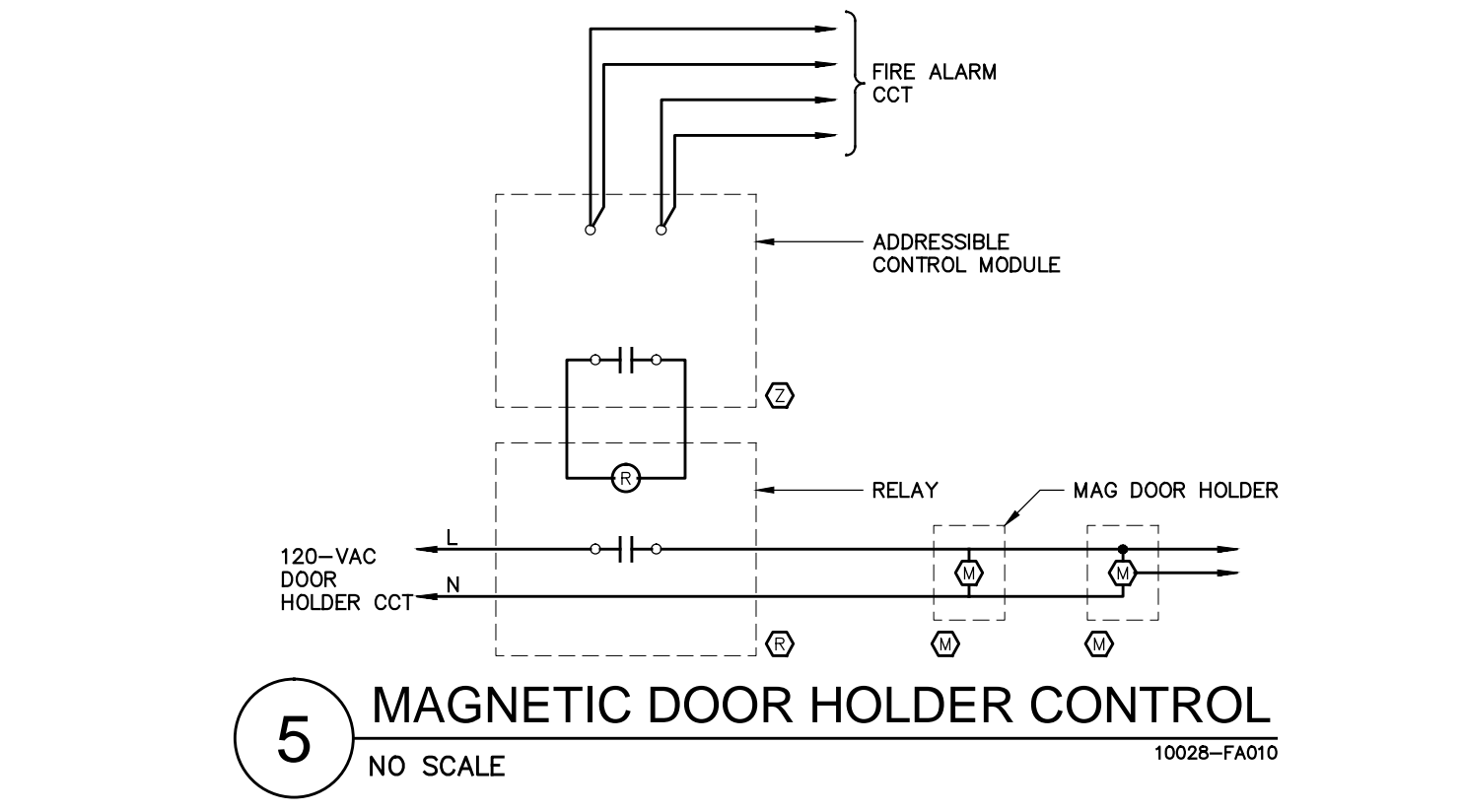
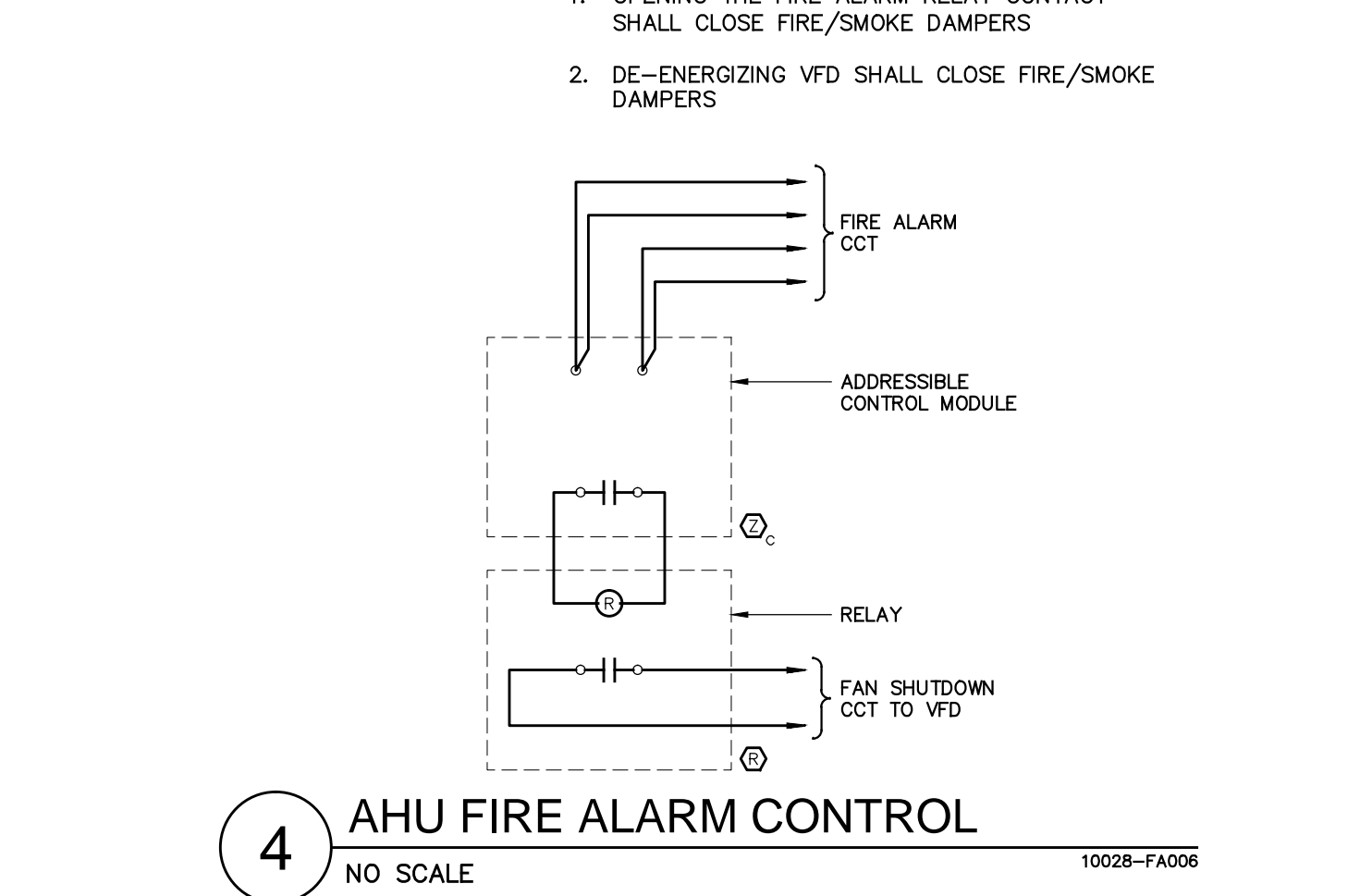
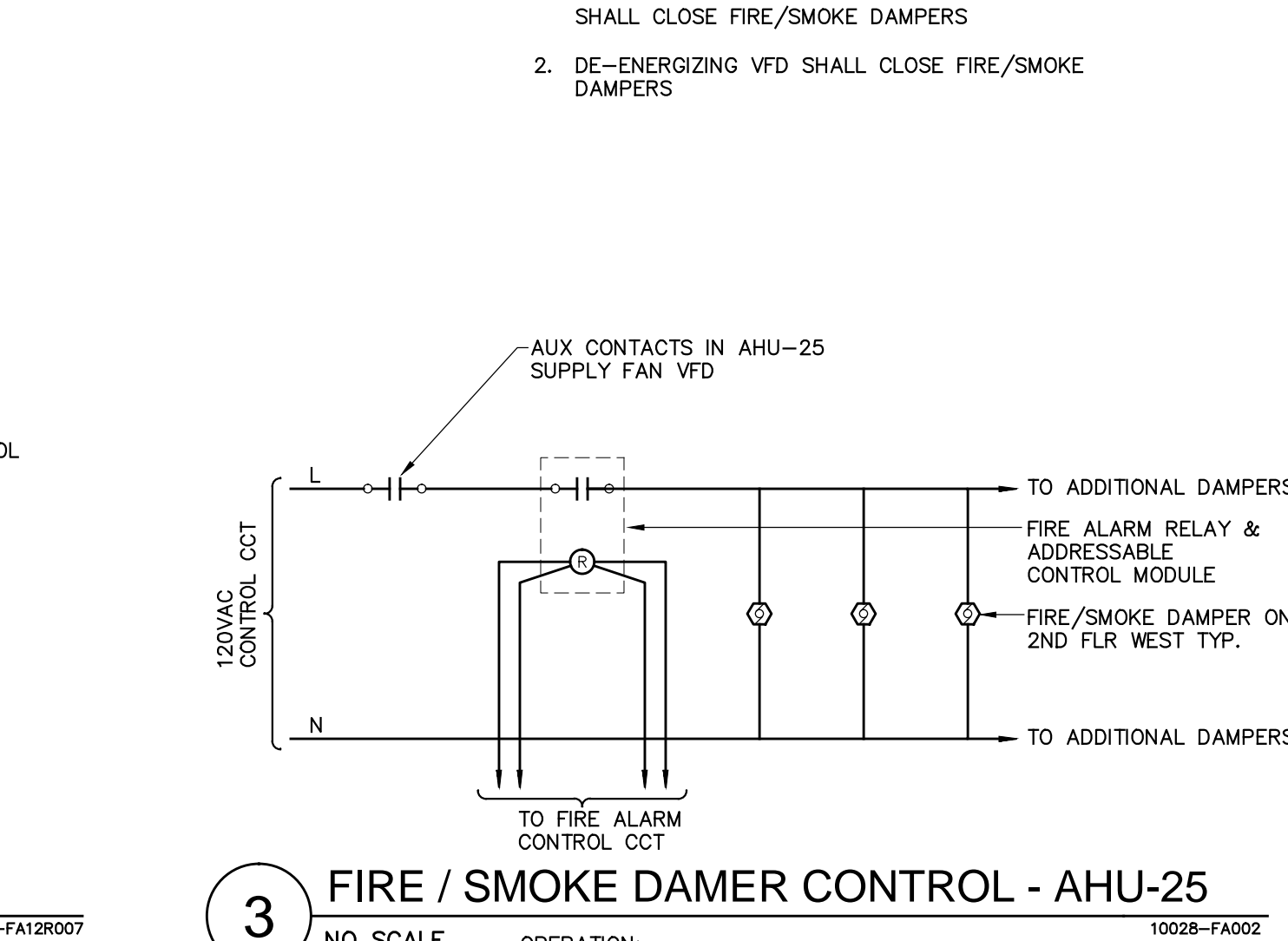
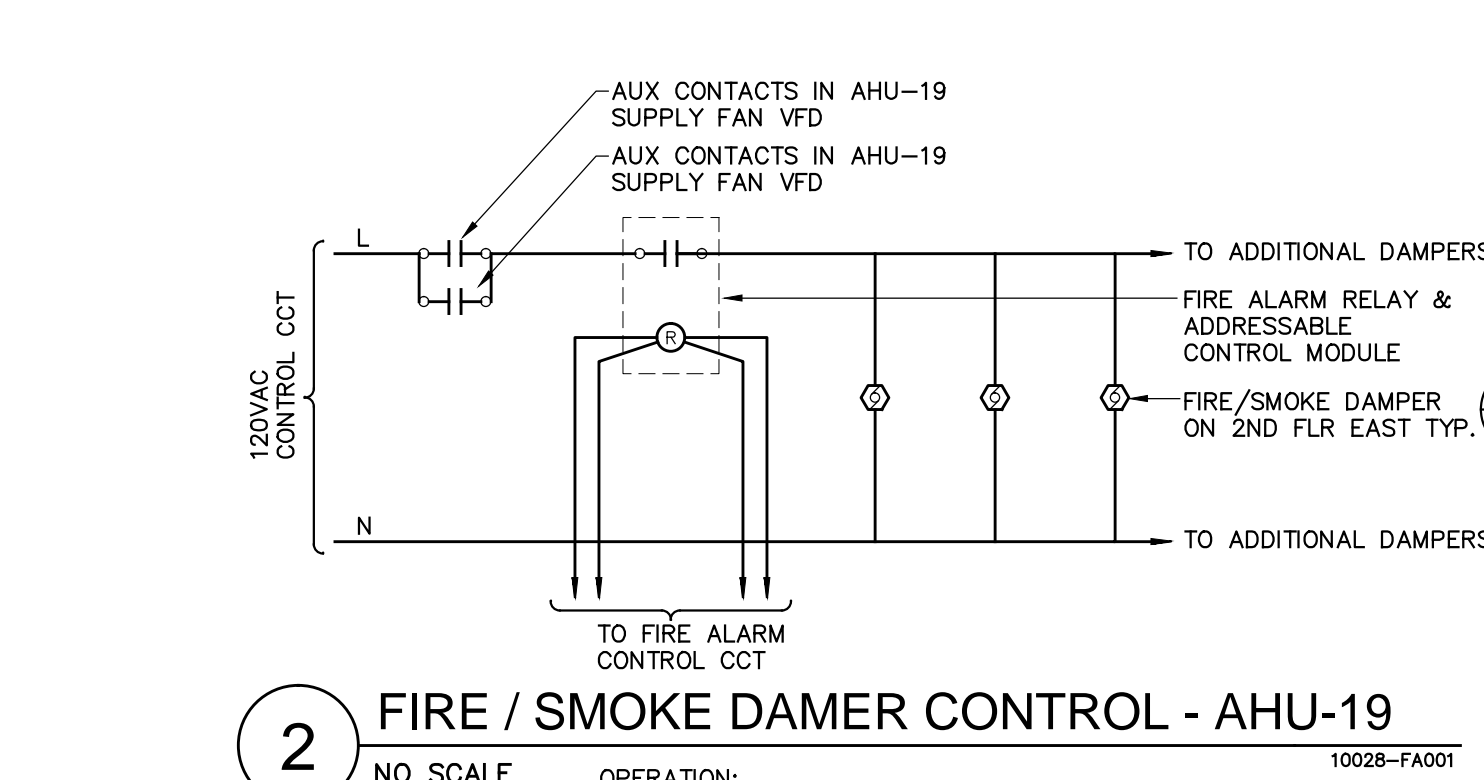
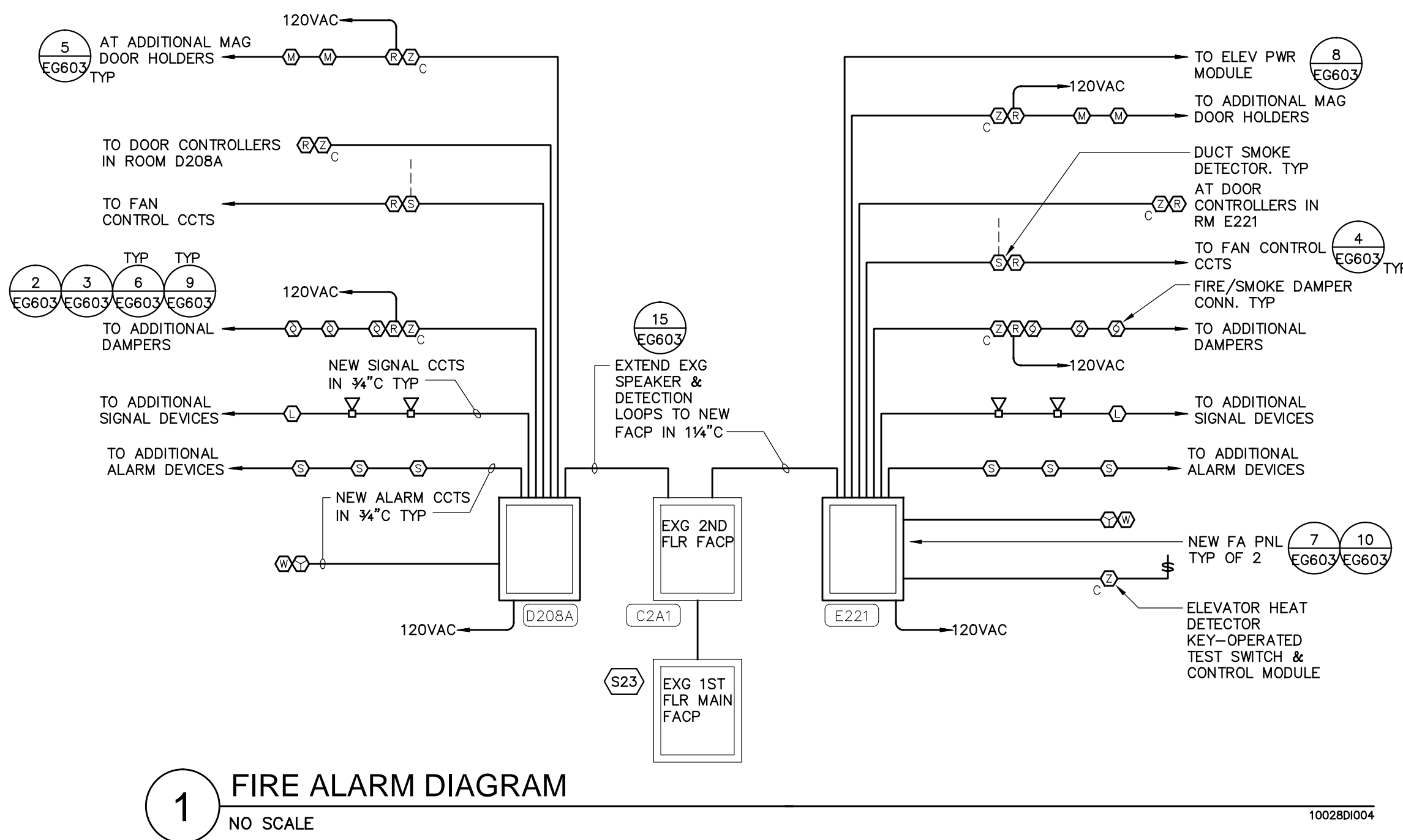
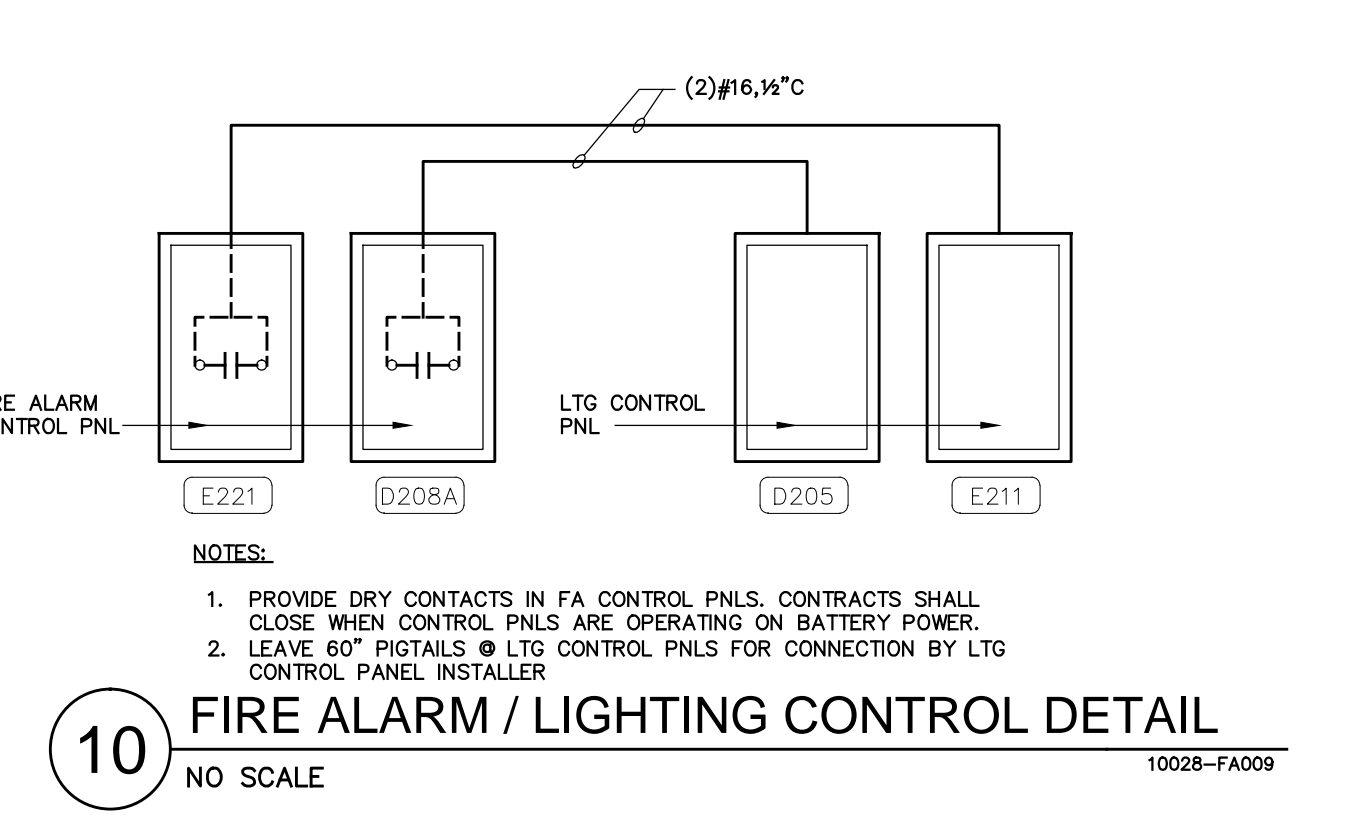
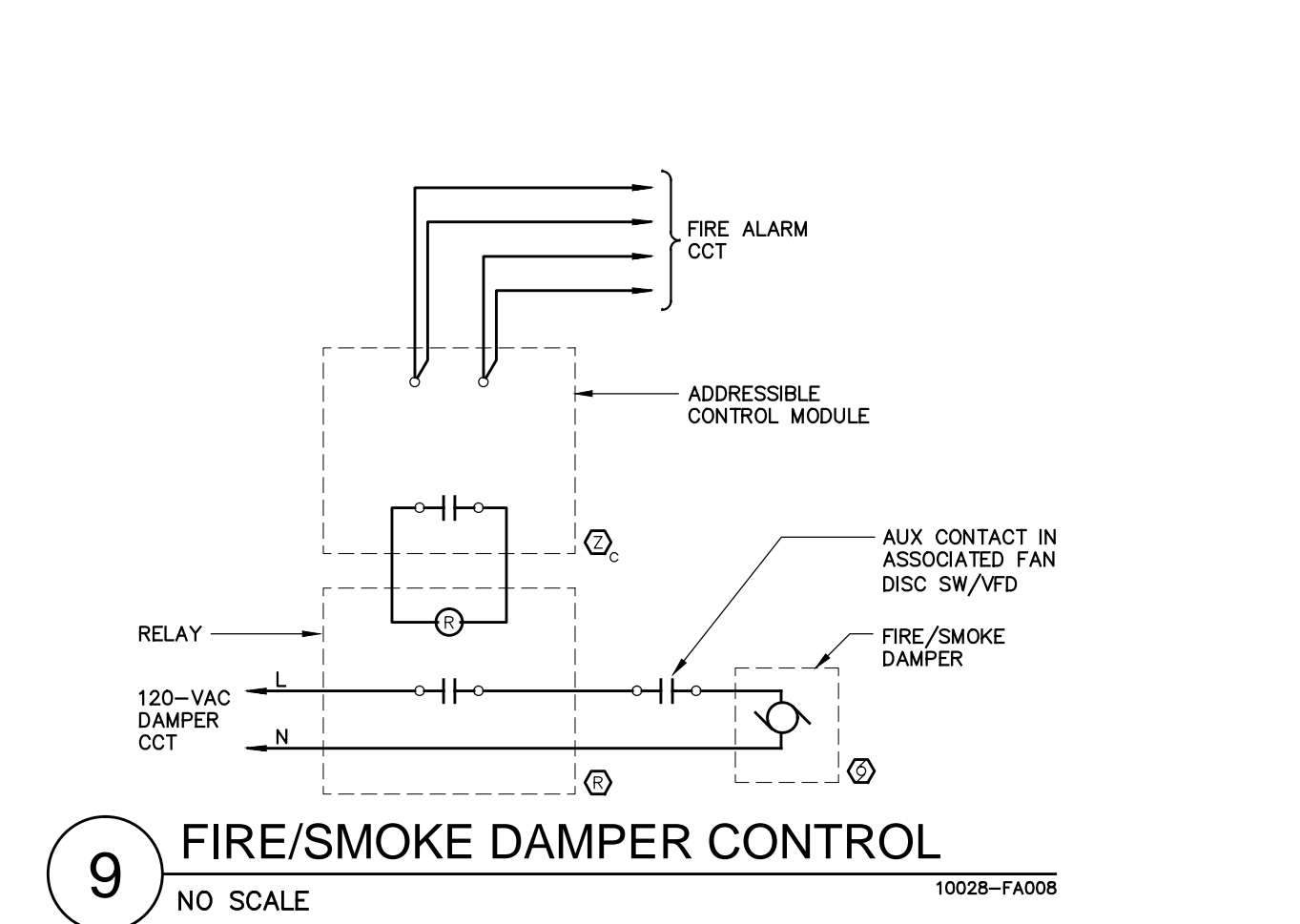
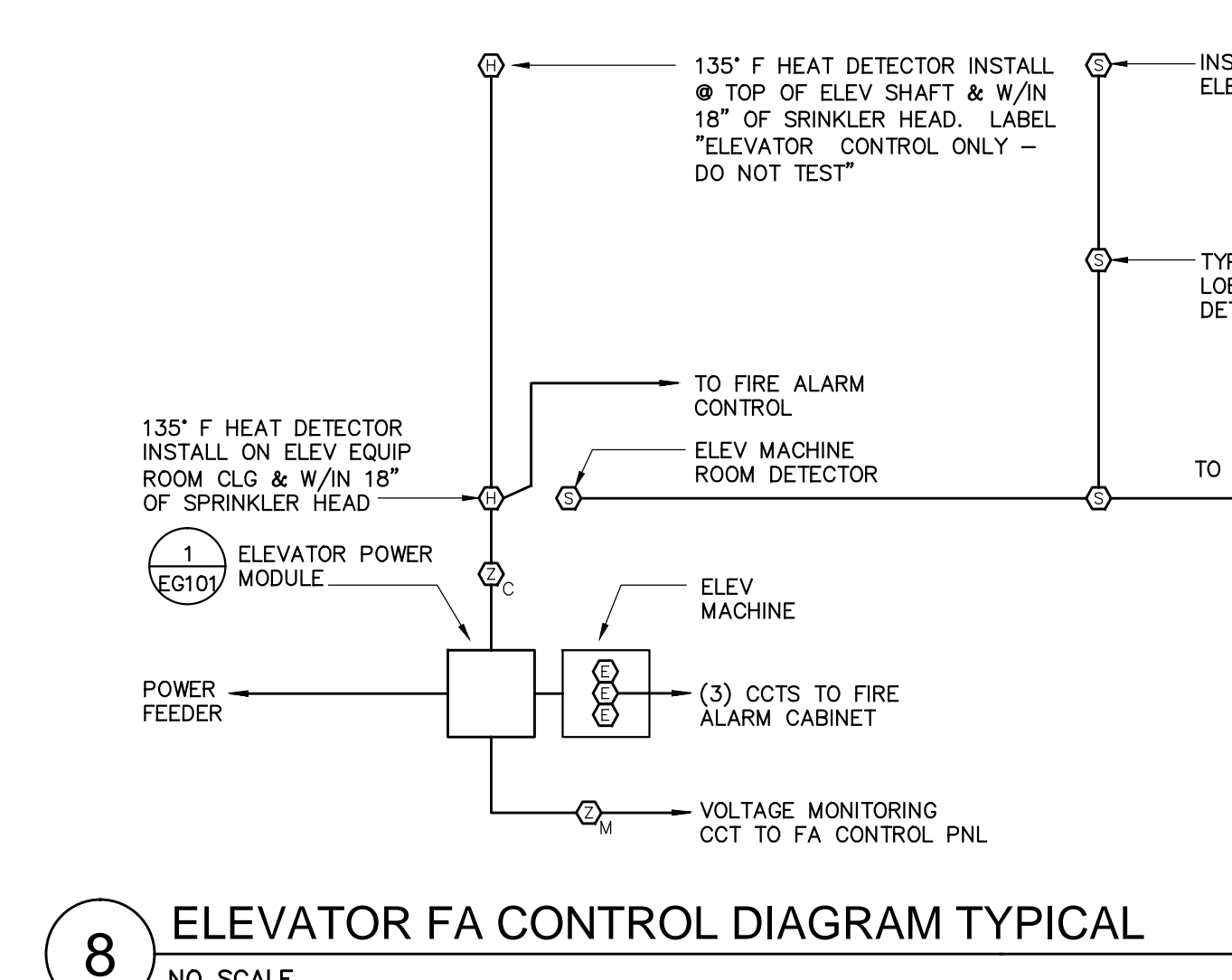
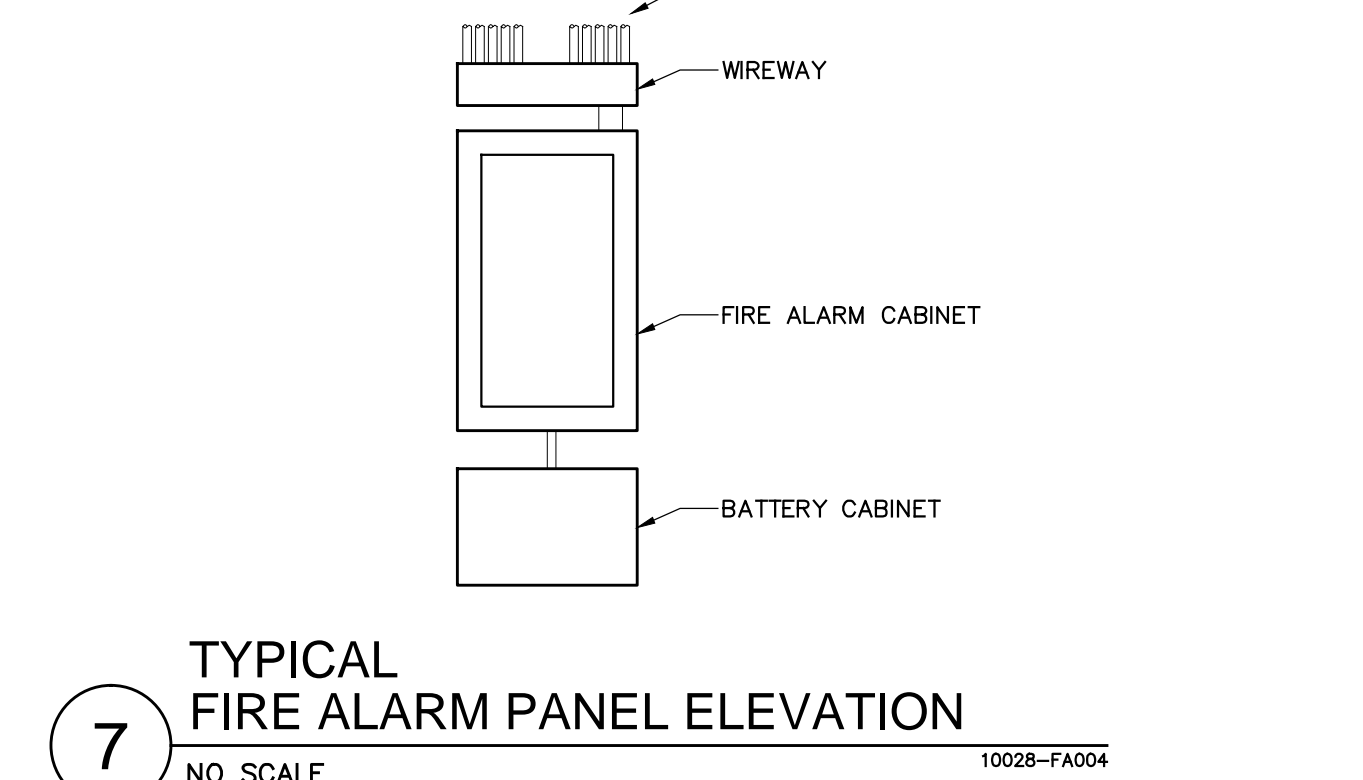
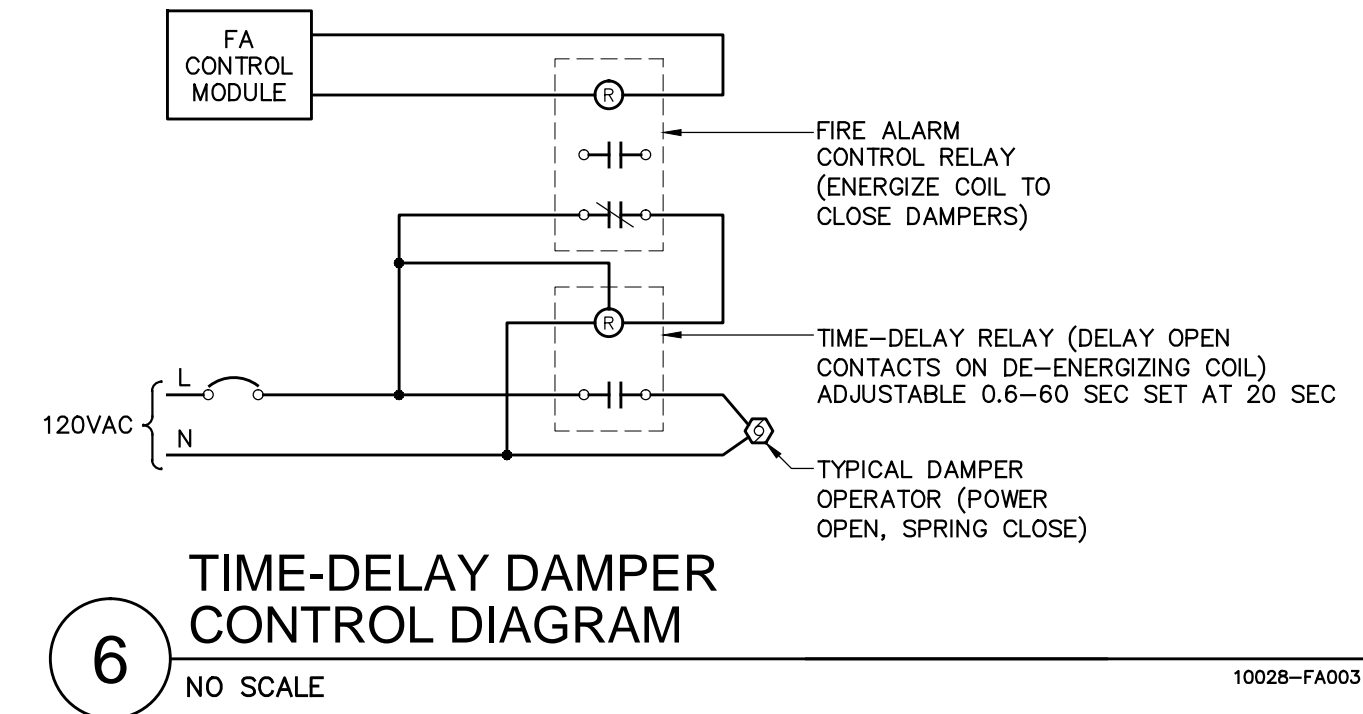
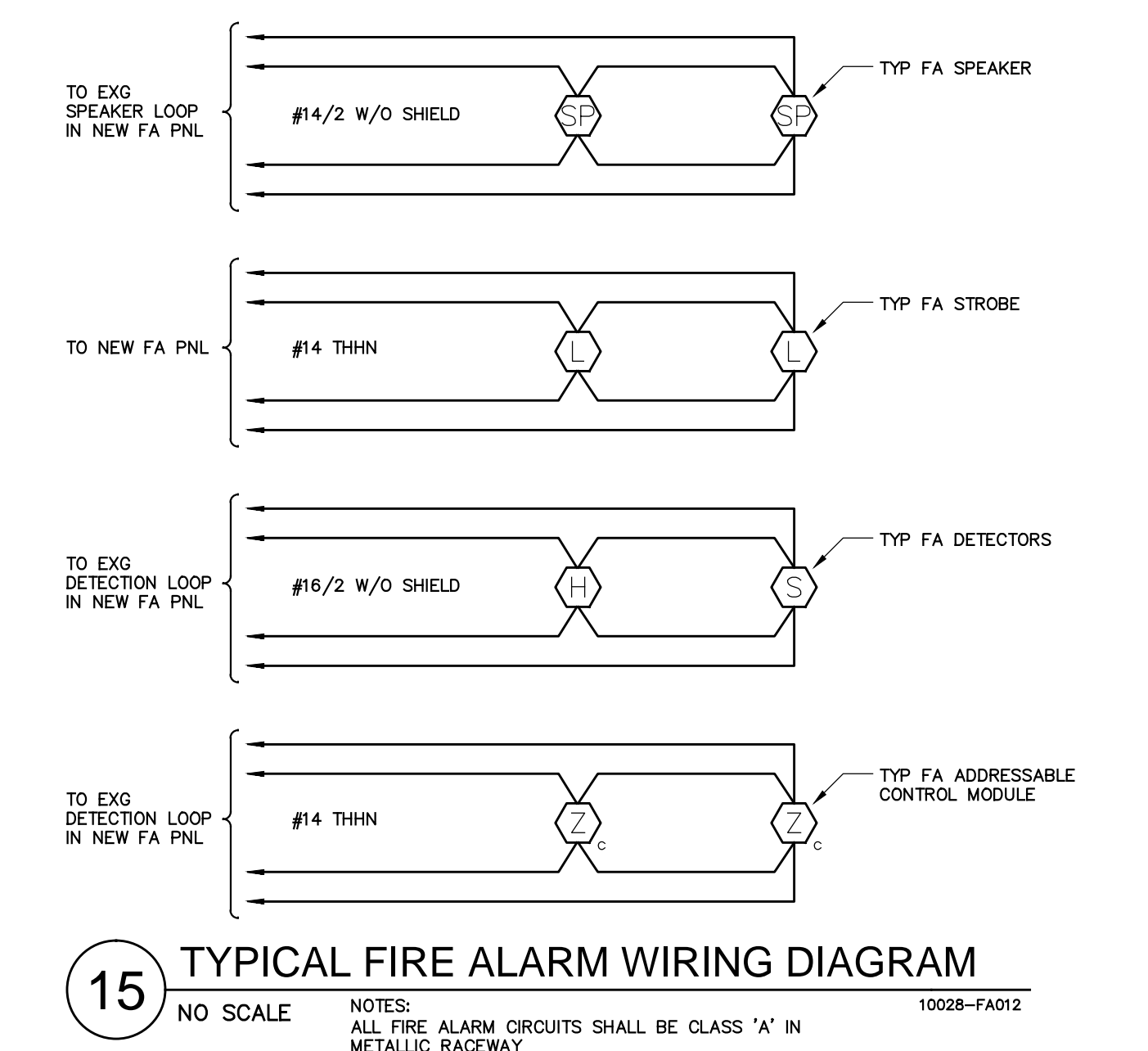
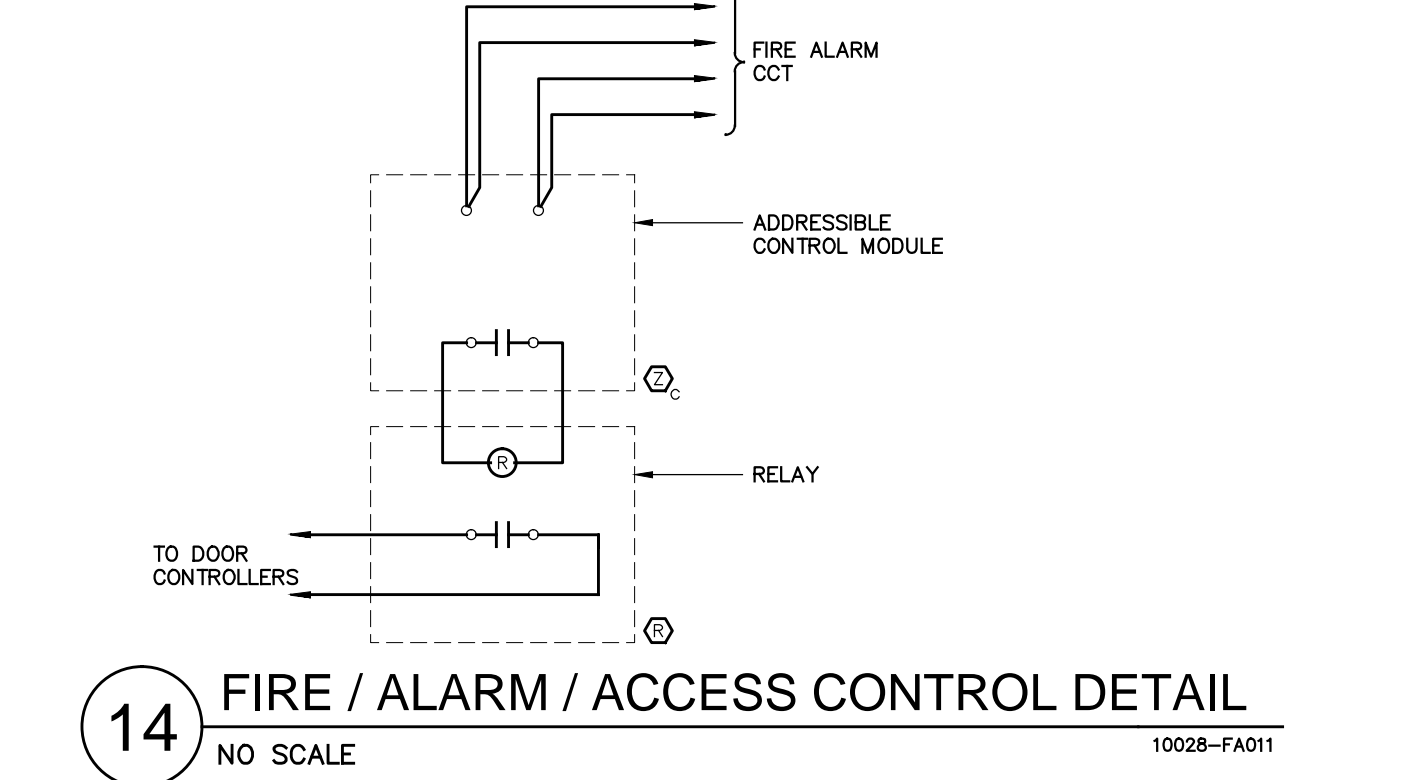
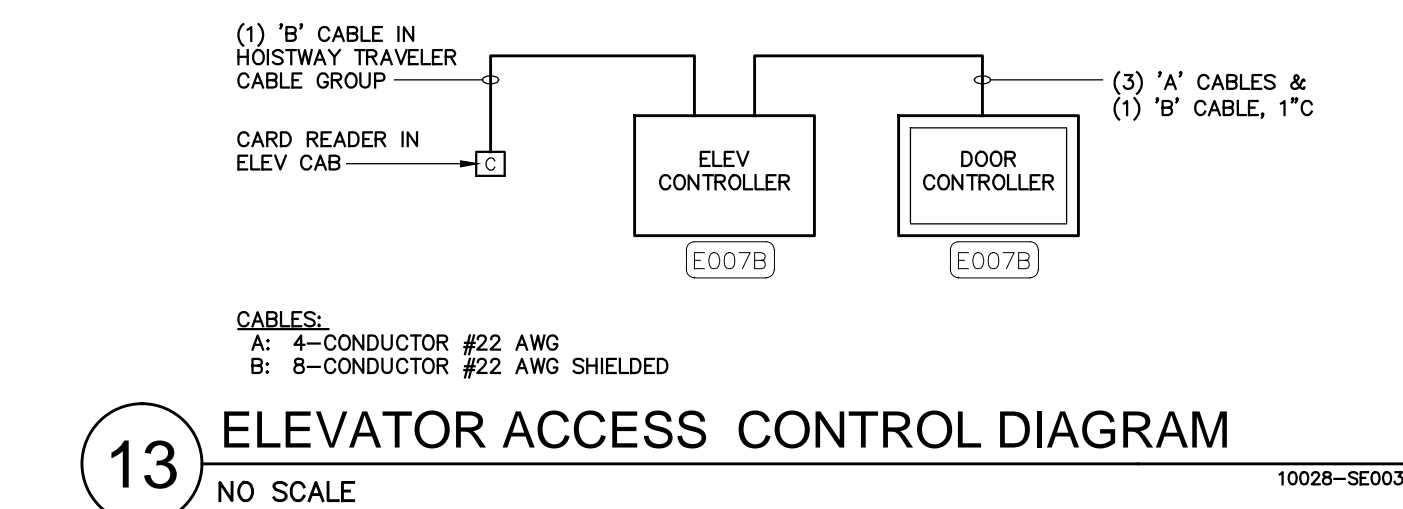
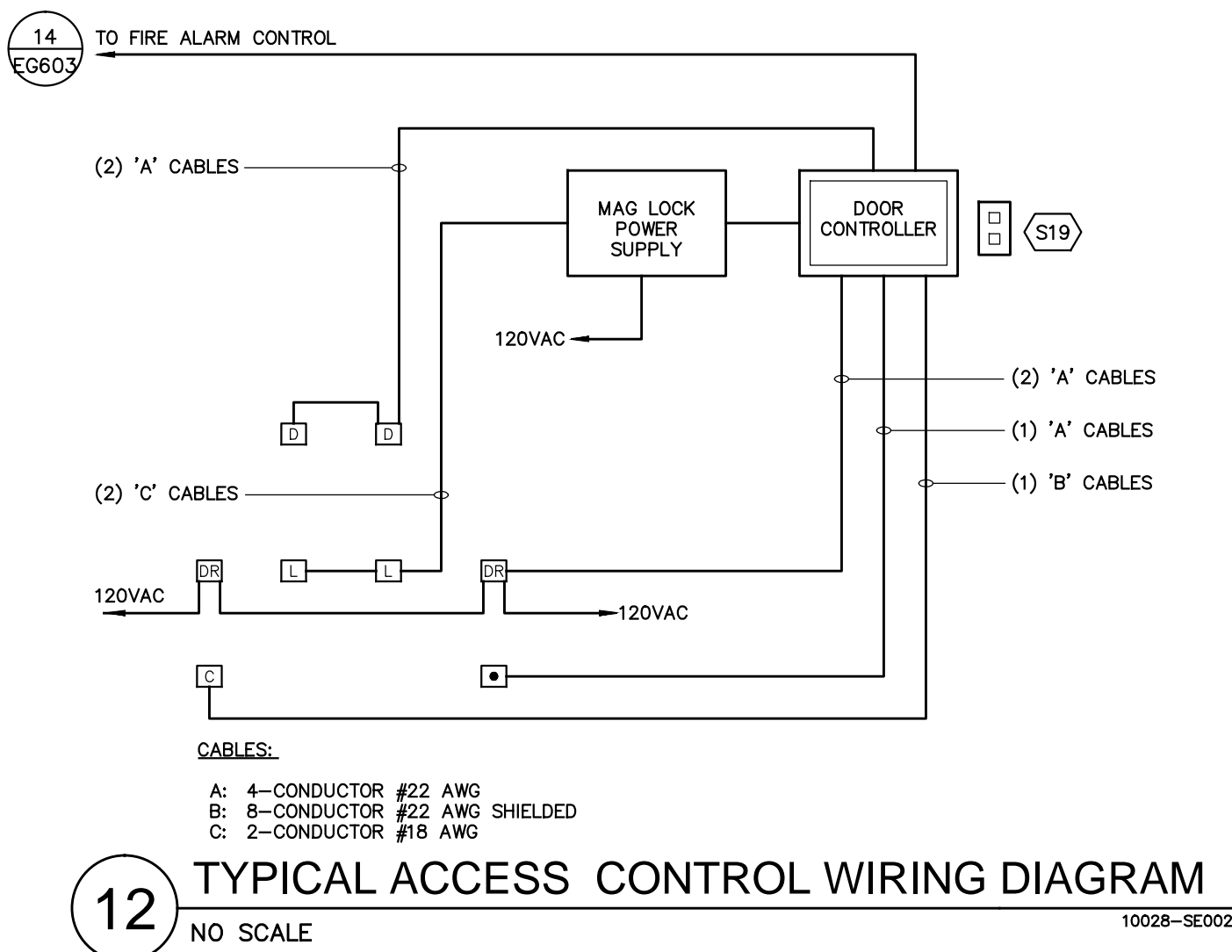
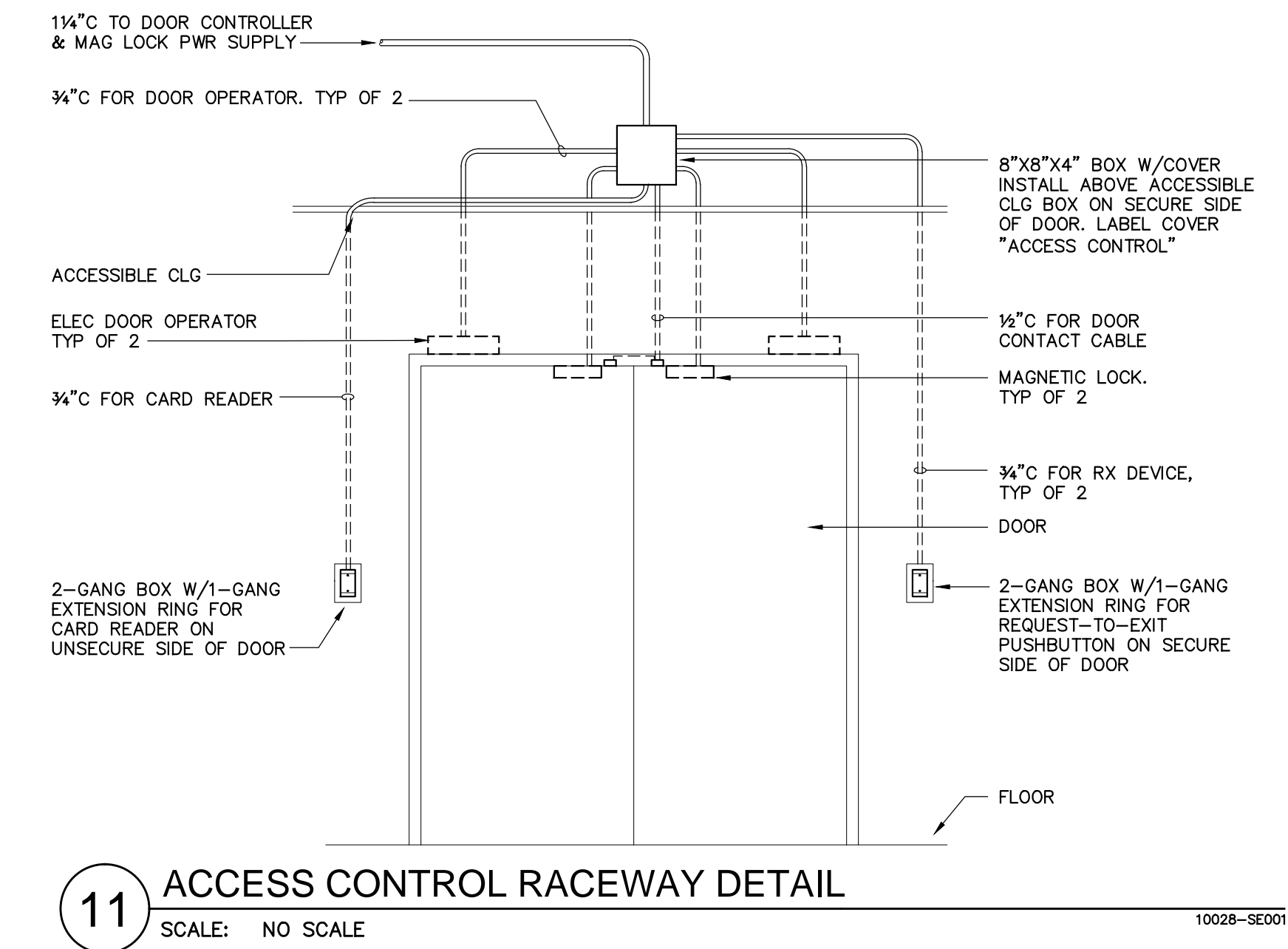
526 DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN CORRIDOR C2D1 AND HALL C2D3 GOES INTO ALARM CONDITION.

527 DAMPER SHALL CLOSE WHEN SMOKE DETECTOR IN HALL C2E2 OR SMOKE DETECTOR IN ROOM E202 GOES INTO ALARM CONDITION.

528 INSTALL DUCT SMOKE DETECTOR IN HORIZONTAL DUCTWORK BRANCH CONNECTION TO VERTICAL DUCTWORK. DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR GOES INTO ALARM CONDITION.

529 INSTALL NEW CEILING-MOUNTED SMOKE DETECTORS ON EXISTING CEILING. INSTALL BOXES AND RACEWAY ABOVE EXISTING CEILING.





EG603

ARCHITECTURE

1203 W RIVERSIDE AVE | SPOKANE, WA 99201-1107 | P: 509.838.8340 | F: 509.838.8261

DEPARTMENT OF VETERANS AFFAIRS
MEDICAL CENTER

DEPARTMENT OF ENGINEERING OPERATIONS
SPOKANE, WA 99205-6197
FAX: 509-434-7135
MAIN OFFICE: 509-434-7000

CONSTRUCT ENDOSCOPY & CENTRAL PROCESSING ADDITION,
VAMC SPOKANE

PROJECT NUMBER
668-309

SHEET TITLE
ELECTRICAL DETAILS & DIAGRAMS

SEAL

DESIGN
BBT

DRAWN
KVT

APPROVED
BBT

DATE
01-19-2012

FILE NO.
NAC# 111-10028

SHEET NO.
EG 603

SHEET 188 OF 199

ELECTRICAL CODED NOTES

SIGNAL / COMMUNICATIONS NOTES

51

TEST SWITCH FOR ELEVATOR HEAT DETECTORS.

52

FIRE ALARM INTERFACE MODULE TO RELEASE MAGNETIC LOOKS WHEN FIRE ALARM SYSTEM IS IN "ALARM" MODE.

53

INSTALL DETECTOR AT TOP OF ELEVATOR SHAFT.

54

CONNECT NEW COMMUNICATIONS JACK TO EXISTING PATCH PANEL IN ROOM E0348. PROVIDE (1) 1-INCH RACEWAY FROM COMMUNICATIONS OUTLET TO ROOM E0348.

55

CONNECT TO EXISTING DETECTION LOOP ON THIS FLOOR. VERIFY EXACT LOCATION OF CONNECTION POINT.

56

INSTALL TELECOMMUNICATIONS JACKS IN FLOOR BOX. PROVIDE (1) 1-INCH RACEWAY FROM FLOOR BOX TO ABOVE ACCESSIBLE CEILING FOR TELECOMMUNICATIONS CABLES.

57

INSTALL TELECOMMUNICATIONS OUTLET IN KNEE SPACE BELOW COUNTER TOP. SEE INTERIOR ELEVATIONS.

58

INSTALL TELECOMMUNICATIONS OUTLET IN CEILING ADJACENT TO POWER RECEPTACLES. SEE REFLECTED CEILING PLAN.

59

INSTALL TELECOMMUNICATIONS OUTLET BEHIND WALL-MOUNTED MONITOR. SEE INTERIOR ELEVATIONS.

510

INSTALL NEW PAGING SPEAKER AND CONNECT TO NEAREST PAGING SPEAKER.

511

INSTALL TELECOMMUNICATIONS OUTLET ADJACENT TO MECHANICAL EQUIPMENT CONTROL PANEL.

512

INSTALL DUCT SMOKE DETECTOR IN SUPPLY AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.

513

INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.

514

EXTEND FIRE/SMOKE DAMPER CIRCUIT TO ROOM M301.

515

CONNECT TO 120-VAC DAMPER CIRCUIT. EXTEND 120-VAC DAMPER CIRCUIT TO OTHER DAMPERS AS INDICATED.

516

PROVIDE NEW ON/OFF SWITCH ON EXISTING FIRE ALARM CONTROL PANEL LOCATED ON THE FIRST FLOOR OF BUILDING 1. PROGRAM EXISTING FIRE ALARM CONTROL PANEL TO PROVIDE MANUAL OPEN/CLOSE CONTROL OF DAMPER AT TOP OF SHAFT.

517

INSTALL OUTLETS IN PERMANENT WALL BEHIND MODULAR FURNITURE.

518

INSTALL ACCESS CONTROL CARD READER IN ELEVATOR CAB. PROVIDE CABLING BETWEEN CARD READER AND ELEVATOR CONTROLLER.

519

PROVIDE TELECOMMUNICATIONS OUTLET ADJACENT TO DOOR CONTROLLER FOR CONNECTION TO ACCESS CONTROL SERVER.

520

A TOTAL OF (10) OF THE NEW TELECOMMUNICATIONS JACKS REQUIRED IN THIS AREA SHALL BE DESIGNATED FOR ANALOG SERVICE. VERIFY WHICH JACKS WILL BE SO DESIGNATED WITH THE GOVERNMENT PRIOR TO INSTALLING CABLE. TERMINATE DESIGNATED ANALOG JACKS AS INDICATED ON SHEET EG-602.

521

NEW MAGNETIC DOOR HOLDERS SHALL RELEASE WHEN ADJACENT, CORRIDOR SMOKE DETECTORS ARE IN ALARM CONDITION.

522

RELOCATE EXISTING FIRE ALARM, PAGING, TELECOMMUNICATIONS, ACCESS CONTROL AND CATV RACEWAY AND CABLING AS NECESSARY TO ACCOMMODATE NEW SHAFT ABOVE AND BELOW THIS FLOOR LEVEL.

523

PROVIDE NEW MANUAL SWITCH IN EXISTING FIRE ALARM CONTROL PANEL. PROGRAM SWITCH TO MANUALLY OPEN/CLOSE NEW DAMPER AT TOP OF LIFT SHAFT ON 8TH FLOOR.

524

DAMPERS SHALL CLOSE WHEN DUCT SMOKE DETECTOR SHUTS DOWN RESPECTIVE AIR HANDLING UNIT.

525

DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN ROOM D200 AND WEST END OF CORRIDOR C202 GOES INTO ALARM CONDITION.

526

DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN CORRIDOR C201 AND HALL C203 GOES INTO ALARM CONDITION.

527

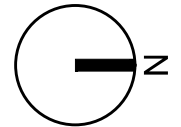
DAMPER SHALL CLOSE WHEN SMOKE DETECTOR IN HALL C202 OR SMOKE DETECTOR IN ROOM E202 GOES INTO ALARM CONDITION.

528

INSTALL DUCT SMOKE DETECTOR IN HORIZONTAL DUCTWORK BRANCH CONNECTION TO VERTICAL DUCTWORK. DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR GOES INTO ALARM CONDITION.

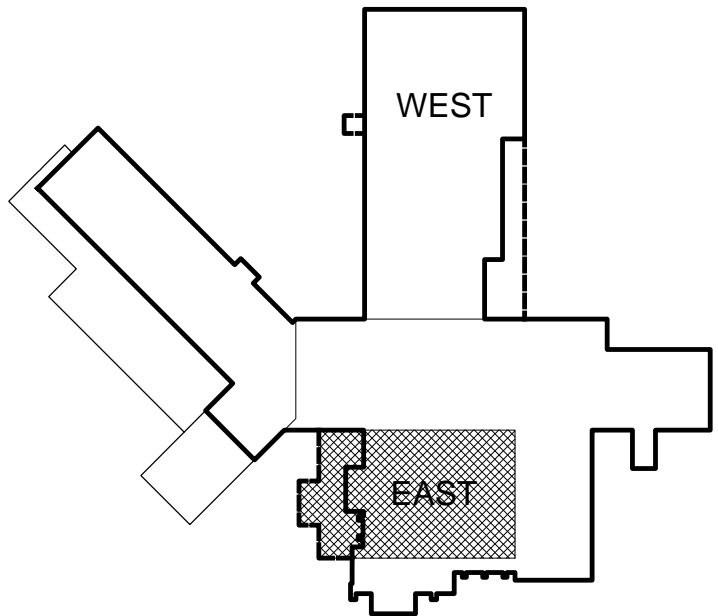
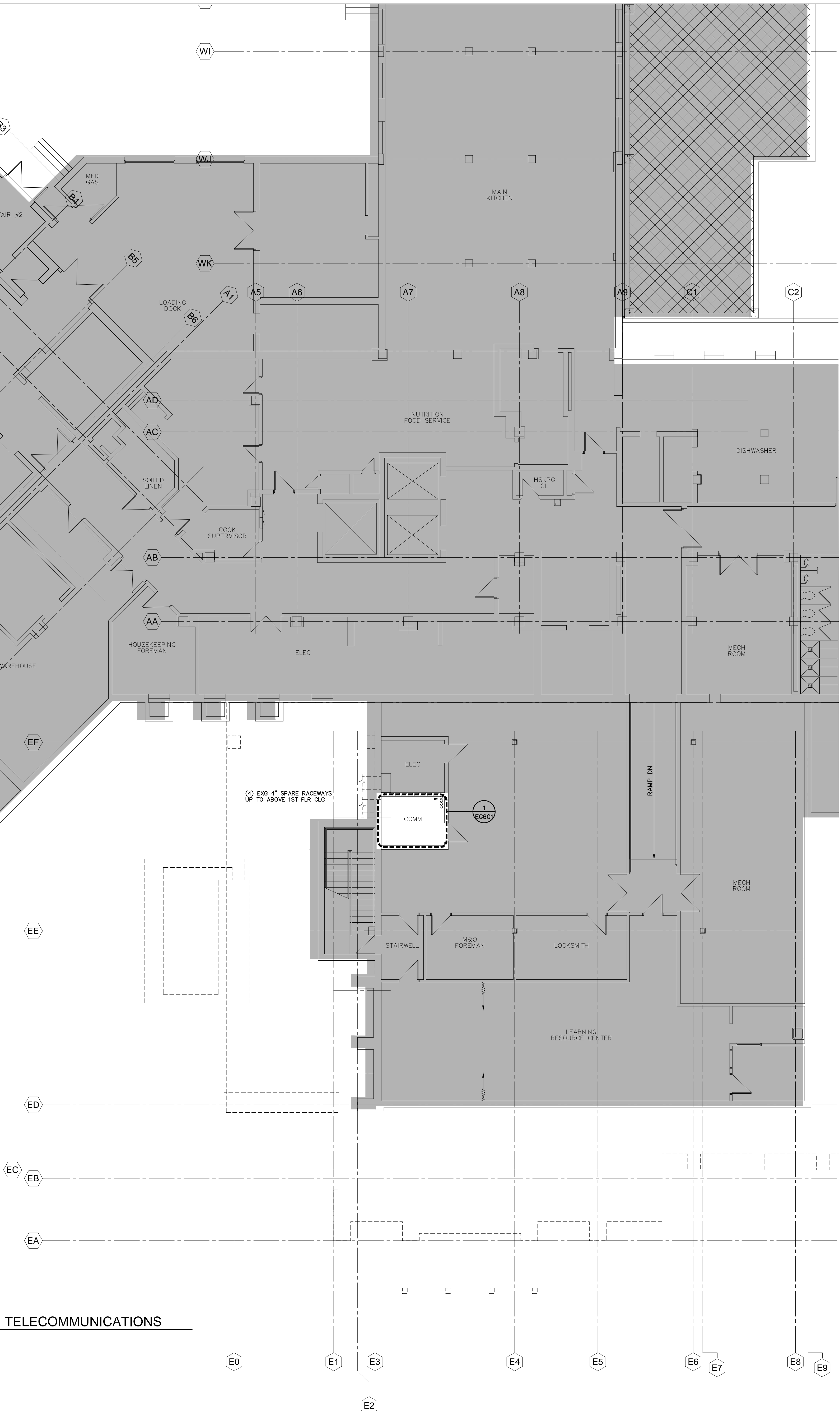
529

INSTALL NEW CEILING-MOUNTED SMOKE DETECTORS ON EXISTING CEILING. INSTALL BOXES AND RACEWAY ABOVE EXISTING CEILING.



BASEMENT FLOOR PLAN - EAST: TELECOMMUNICATIONS

Scale: 1/8" = 1'-0"



KEY PLAN
NOT TO SCALE

1203 W RIVERSIDE AVE | SPOKANE, WA 99201-1107 | P: 509.838.8340 | F: 509.838.0261

NAC | ARCHITECTURE

REV.	APPD.	DATE	DESCRIPTION

DEPARTMENT OF VETERANS AFFAIRS
MEDICAL CENTER

DEPARTMENT OF ENGINEERING OPERATIONS
MAIN OFFICE 509-434-7000

SPOKANE, WA 99205-6197
FAX 509-434-7135

CONSTRUCT ENDOSCOPY & CENTRAL PROCESSING ADDITION, VAMC SPOKANE

PRODUCT NUMBER
668-309

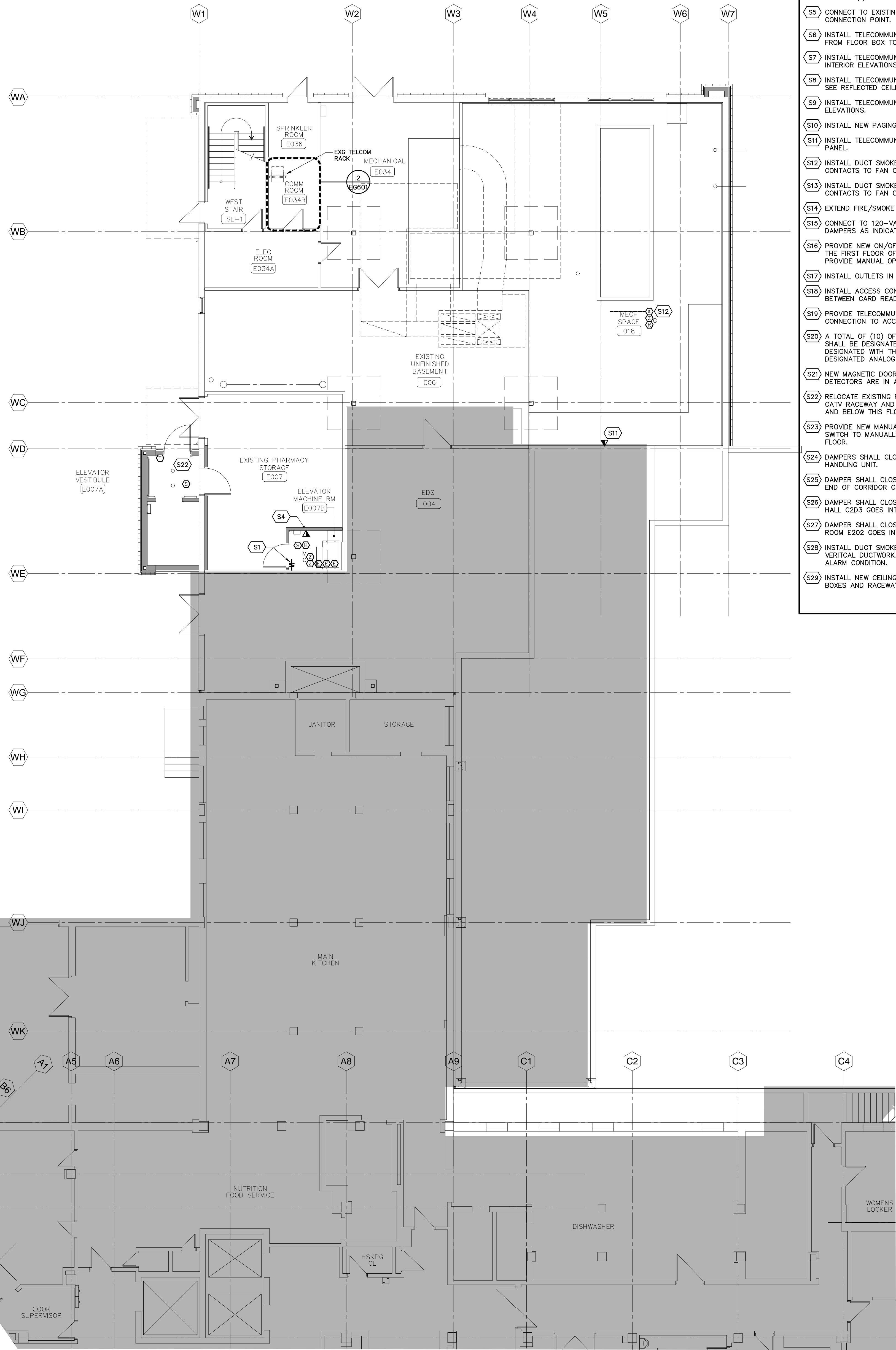
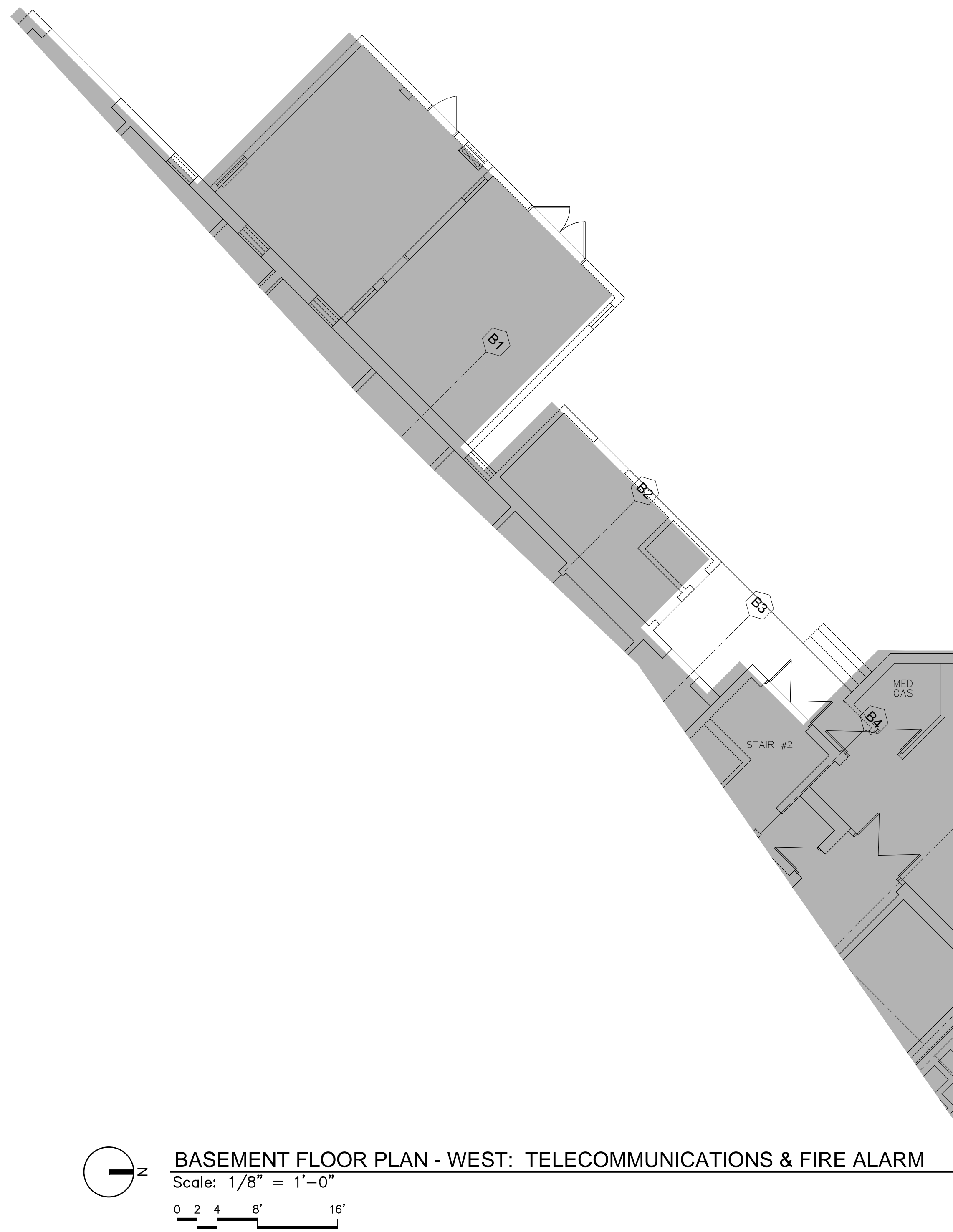
SHEET TITLE
BASEMENT FLOOR PLAN - EAST
TELECOMMUNICATIONS

SEAL

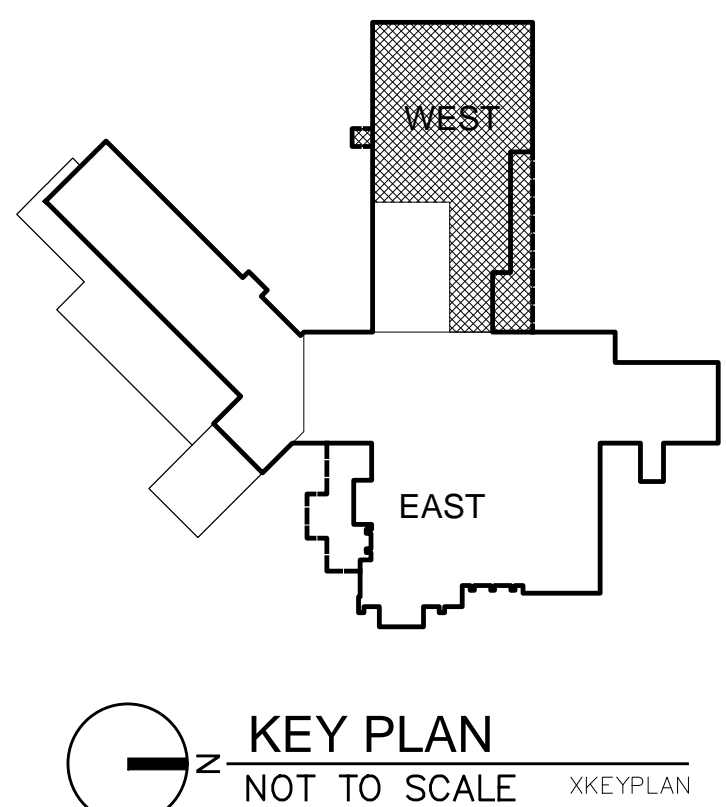
01-19-2012

DESIGN	BBT
DRAWN	KVT
APPROVED	BBT
DATE	01-19-2012
FILE NO.	NAC# 111-10028
SHEET NO.	ET 101

SHEET 189 OF 199



ELECTRICAL CODED NOTES			
SIGNAL / COMMUNICATIONS NOTES			
(S1)	TEST SWITCH FOR ELEVATOR HEAT DETECTORS.		
(S2)	FIRE ALARM INTERFACE MODULE TO RELEASE MAGNETIC LOCKS WHEN FIRE ALARM SYSTEM IS IN "ALARM" MODE.		
(S3)	INSTALL DETECTOR AT TOP OF ELEVATOR SHAFT.		
(S4)	CONNECT NEW COMMUNICATIONS JACK TO EXISTING PATCH PANEL IN ROOM E034B. PROVIDE (1) 1-INCH RACEWAY FROM COMMUNICATIONS OUTLET TO ROOM E034B.		
(S5)	CONNECT TO EXISTING DETECTION LOOP ON THIS FLOOR. VERIFY EXACT LOCATION OF CONNECTION POINT.		
(S6)	INSTALL TELECOMMUNICATIONS JACKS IN FLOOR BOX. PROVIDE (1) 1-INCH RACEWAY FROM FLOOR BOX TO ABOVE ACCESSIBLE CEILING FOR TELECOMMUNICATIONS CABLES.		
(S7)	INSTALL TELECOMMUNICATIONS OUTLET IN KNEE SPACE BELOW COUNTER TOP. SEE INTERIOR ELEVATIONS.		
(S8)	INSTALL TELECOMMUNICATIONS OUTLET IN CEILING ADJACENT TO POWER RECEPTACLES. SEE REFLECTED CEILING PLAN.		
(S9)	INSTALL TELECOMMUNICATIONS OUTLET BEHIND WALL-MOUNTED MONITOR. SEE INTERIOR ELEVATIONS.		
(S10)	INSTALL NEW PAGING SPEAKER AND CONNECT TO NEAREST PAGING SPEAKER.		
(S11)	INSTALL TELECOMMUNICATIONS OUTLET ADJACENT TO MECHANICAL EQUIPMENT CONTROL PANEL.		
(S12)	INSTALL DUCT SMOKE DETECTOR IN SUPPLY AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.		
(S13)	INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.		
(S14)	EXTEND FIRE/SMOKE DAMPER CIRCUIT TO ROOM M301.		
(S15)	CONNECT TO 120-VAC DAMPER CIRCUIT. EXTEND 120-VAC DAMPER CIRCUIT TO OTHER DAMPERS AS INDICATED.		
(S16)	PROVIDE NEW ON/OFF SWITCH ON EXISTING FIRE ALARM CONTROL PANEL LOCATED ON THE FIRST FLOOR OF BUILDING 1. PROGRAM EXISTING FIRE ALARM CONTROL PANEL TO PROVIDE MANUAL OPEN/CLOSE CONTROL OF DAMPER AT TOP OF SHAFT.		
(S17)	INSTALL OUTLETS IN PERMANENT WALL BEHIND MODULAR FURNITURE.		
(S18)	INSTALL ACCESS CONTROL CARD READER IN ELEVATOR CAB. PROVIDE CABLING BETWEEN CARD READER AND ELEVATOR CONTROLLER.		
(S19)	PROVIDE TELECOMMUNICATIONS OUTLET ADJACENT TO DOOR CONTROLLER FOR CONNECTION TO ACCESS CONTROL SERVER.		
(S20)	A TOTAL OF (10) OF THE NEW TELECOMMUNICATIONS JACKS REQUIRED IN THIS AREA SHALL BE DESIGNATED FOR ANALOG SERVICE. VERIFY WHICH JACKS WILL BE SO DESIGNATED WITH THE GOVERNMENT PRIOR TO INSTALLING CABLE. TERMINATE DESIGNATED ANALOG JACKS AS INDICATED ON SHEET EG-602.		
(S21)	NEW MAGNETIC DOOR HOLDERS SHALL RELEASE WHEN ADJACENT, CORRIDOR SMOKE DETECTORS ARE IN ALARM CONDITION.		
(S22)	RELOCATE EXISTING FIRE ALARM, PAGING, TELECOMMUNICATIONS, ACCESS CONTROL AND CATV RACEWAY AND CABLING AS NECESSARY TO ACCOMMODATE NEW SHAFT ABOVE AND BELOW THIS FLOOR LEVEL.		
(S23)	PROVIDE NEW MANUAL SWITCH IN EXISTING FIRE ALARM CONTROL PANEL. PROGRAM SWITCH TO MANUALLY OPEN/CLOSE NEW DAMPER AT TOP OF LIFT SHAFT ON 8TH FLOOR.		
(S24)	DAMPERS SHALL CLOSE WHEN DUCT SMOKE DETECTOR SHUTS DOWN RESPECTIVE AIR HANDLING UNIT.		
(S25)	DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN ROOM D200 AND WEST END OF CORRIDOR C202 GOES INTO ALARM CONDITION.		
(S26)	DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN CORRIDOR C201 AND HALL C203 GOES INTO ALARM CONDITION.		
(S27)	DAMPER SHALL CLOSE WHEN SMOKE DETECTOR IN HALL C2E2 OR SMOKE DETECTOR IN ROOM E202 GOES INTO ALARM CONDITION.		
(S28)	INSTALL DUCT SMOKE DETECTOR IN HORIZONTAL DUCTWORK BRANCH CONNECTION TO VERTICAL DUCTWORK. DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR GOES INTO ALARM CONDITION.		
(S29)	INSTALL NEW CEILING-MOUNTED SMOKE DETECTORS ON EXISTING CEILING. INSTALL BOXES AND RACEWAY ABOVE EXISTING CEILING.		



1203 W RIVERSIDE AVE | SPOKANE, WA 99201-1107 | P: 509.838.8240 | F: 509.838.8281

NAC

ARCHITECTURE

REV.	APPD.	DATE	DESCRIPTION

DEPARTMENT OF VETERANS AFFAIRS
MEDICAL CENTER

SPokane, WA 99205-6197
FAX: 509-434-7135

CONSTRUCT ENDOSCOPY & CENTRAL PROCESSING ADDITION, VAMC SPOKANE

PRODUCT NUMBER 668-309

SHEET TITLE BASEMENT FLOOR PLAN - WEST TELECOMMUNICATIONS

SEAL

DESIGN BBT
DRAWN KVT
APPROVED BBT
DATE 01-19-2012
FILE NO. NAC# 111-10028
SHEET NO.

ET

102

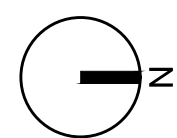
SHEET 190 OF 199



ELECTRICAL CODED NOTES

SIGNAL / COMMUNICATIONS NOTES

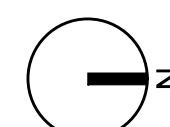
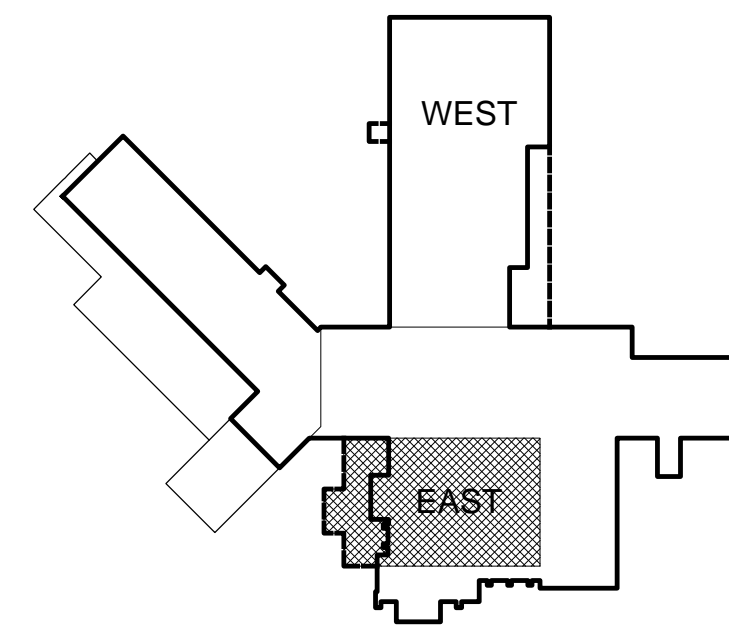
- (S1) TEST SWITCH FOR ELEVATOR HEAT DETECTORS.
- (S2) FIRE ALARM INTERFACE MODULE TO RELEASE MAGNETIC LOCKS WHEN FIRE ALARM SYSTEM IS IN "ALARM" MODE.
- (S3) INSTALL DETECTOR AT TOP OF ELEVATOR SHAFT.
- (S4) CONNECT NEW COMMUNICATIONS JACK TO EXISTING PATCH PANEL IN ROOM E034B. PROVIDE (1) 1-INCH RACEWAY FROM COMMUNICATIONS OUTLET TO ROOM E034B.
- (S5) CONNECT TO EXISTING DETECTION LOOP ON THIS FLOOR. VERIFY EXACT LOCATION OF CONNECTION POINT.
- (S6) INSTALL TELECOMMUNICATIONS JACKS IN FLOOR BOX. PROVIDE (1) 1-INCH RACEWAY FROM FLOOR BOX TO ABOVE ACCESSIBLE CEILING FOR TELECOMMUNICATIONS CABLES. SEE INTERIOR ELEVATIONS.
- (S7) INSTALL TELECOMMUNICATIONS OUTLET IN KNEE SPACE BELOW COUNTER TOP. SEE INTERIOR ELEVATIONS.
- (S8) INSTALL TELECOMMUNICATIONS OUTLET IN CEILING ADJACENT TO POWER RECEPTACLES. SEE REFLECTED CEILING PLAN.
- (S9) INSTALL TELECOMMUNICATIONS OUTLET BEHIND WALL-MOUNTED MONITOR. SEE INTERIOR ELEVATIONS.
- (S10) INSTALL NEW PAGING SPEAKER AND CONNECT TO NEAREST PAGING SPEAKER.
- (S11) INSTALL TELECOMMUNICATIONS OUTLET ADJACENT TO MECHANICAL EQUIPMENT CONTROL PANEL.
- (S12) INSTALL DUCT SMOKE DETECTOR IN SUPPLY AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.
- (S13) INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.
- (S14) EXTEND FIRE/SMOKE DAMPER CIRCUIT TO ROOM M301.
- (S15) CONNECT TO 120-VAC DAMPER CIRCUIT. EXTEND 120-VAC DAMPER CIRCUIT TO OTHER DAMPERS AS INDICATED.
- (S16) PROVIDE NEW ON/OFF SWITCH ON EXISTING FIRE ALARM CONTROL PANEL LOCATED ON THE FIRST FLOOR OF BUILDING 1. PROGRAM EXISTING FIRE ALARM CONTROL PANEL TO PROVIDE MANUAL OPEN/CLOSE CONTROL OF DAMPER AT TOP OF SHAFT.
- (S17) INSTALL OUTLETS IN PERMANENT WALL BEHIND MODULAR FURNITURE.
- (S18) INSTALL ACCESS CONTROL CARD READER IN ELEVATOR CAB. PROVIDE CABLING BETWEEN CARD READER AND ELEVATOR CONTROLLER.
- (S19) PROVIDE TELECOMMUNICATIONS OUTLET ADJACENT TO DOOR CONTROLLER FOR CONNECTION TO ACCESS CONTROL SERVER.
- (S20) A TOTAL OF (10) OF THE NEW TELECOMMUNICATIONS JACKS REQUIRED IN THIS AREA SHALL BE DESIGNATED FOR ANALOG SERVICE. VERIFY WHICH JACKS WILL BE SO DESIGNATED WITH THE GOVERNMENT PRIOR TO INSTALLING CABLE. TERMINATE DESIGNATED ANALOG JACKS AS INDICATED ON SHEET EG-602.
- (S21) NEW MAGNETIC DOOR HOLDERS SHALL RELEASE WHEN ADJACENT, CORRIDOR SMOKE DETECTORS ARE IN ALARM CONDITION.
- (S22) RELOCATE EXISTING FIRE ALARM, PAGING, TELECOMMUNICATIONS, ACCESS CONTROL AND CATV RACEWAY AND CABLING AS NECESSARY TO ACCOMMODATE NEW SHAFT ABOVE AND BELOW THIS FLOOR LEVEL.
- (S23) PROVIDE NEW MANUAL SWITCH IN EXISTING FIRE ALARM CONTROL PANEL. PROGRAM SWITCH TO MANUALLY OPEN/CLOSE NEW DAMPER AT TOP OF LIFT SHAFT ON 8TH FLOOR.
- (S24) DAMPERS SHALL CLOSE WHEN DUCT SMOKE DETECTOR SHUTS DOWN RESPECTIVE AIR HANDLING UNIT.
- (S25) DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN ROOM D200 AND WEST END OF CORRIDOR C202 GOES INTO ALARM CONDITION.
- (S26) DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN CORRIDOR C201 AND HALL C203 GOES INTO ALARM CONDITION.
- (S27) DAMPER SHALL CLOSE WHEN SMOKE DETECTOR IN HALL C2E2 OR SMOKE DETECTOR IN ROOM E202 GOES INTO ALARM CONDITION.
- (S28) INSTALL DUCT SMOKE DETECTOR IN HORIZONTAL DUCTWORK BRANCH CONNECTION TO VERTICAL DUCTWORK. DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR GOES INTO ALARM CONDITION.
- (S29) INSTALL NEW CEILING-MOUNTED SMOKE DETECTORS ON EXISTING CEILING. INSTALL BOXES AND RACEWAY ABOVE EXISTING CEILING.



FIRST FLOOR PLAN - EAST: TELECOMMUNICATIONS, FIRE ALARM & PAGING

Scale: 1/8" = 1'-0"

0 2 4 8' 16'



KEY PLAN
NOT TO SCALE

XKEYPLAN

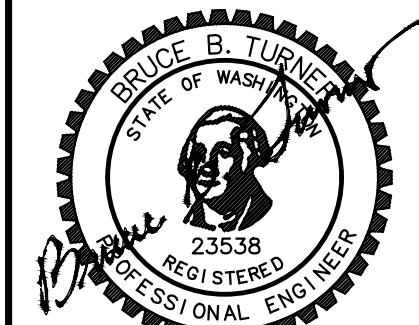
DEPARTMENT OF VETERANS AFFAIRS
MEDICAL CENTER

CONSTRUCT ENDOSCOPY &
CENTRAL PROCESSING ADDITION,
VAMC SPOKANE

PROJECT NUMBER
668-309

SHEET TITLE
FIRST FLOOR PLAN - EAST
TELCOM, FIRE ALARM & PAGING

SEAL



DESIGN BBT

DRAWN WMM

APPROVED BBT

DATE 01-19-2012

FILE NO.

NAC# 111-10028

SHEET NO.

ET
103

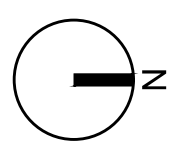
SHEET 191 OF 199

NAC ARCHITECTURE

1203 W RIVERSIDE AVE | SPOKANE, WA 99201-1107 | P: 509.838.8340 | F: 509.838.8261

SPOKANE, WA 99205-6197

DEPARTMENT OF ENGINEERING OPERATIONS
MAIN OFFICE 509-434-7000



FIRST FLOOR PLAN - WEST: FIRE ALARM, TELECOMMUNICATIONS & PAGING

Scale: 1/8" = 1'-0"

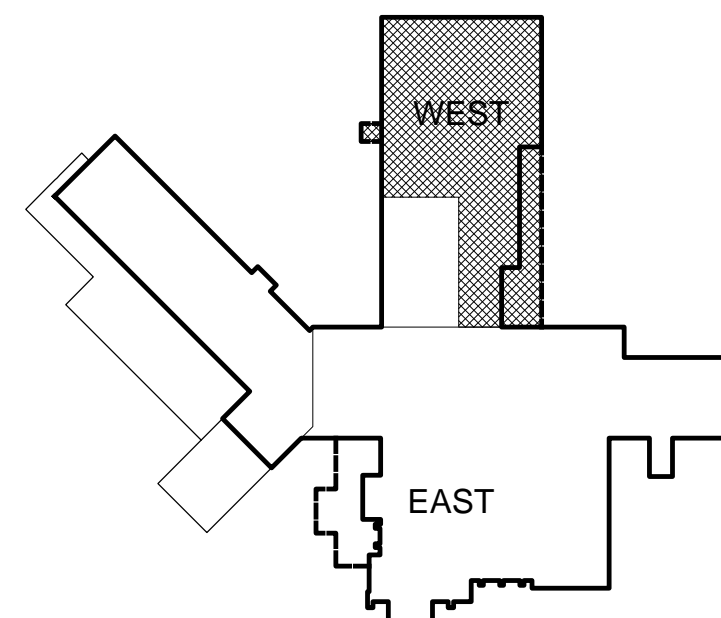
0 2 4 8 16'

FOR CONTINUATION, SEE SHEET ET-103

ELECTRICAL CODED NOTES

SIGNAL / COMMUNICATIONS NOTES

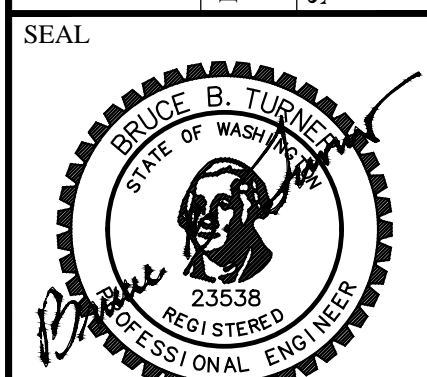
- (S1) TEST SWITCH FOR ELEVATOR HEAT DETECTORS.
- (S2) FIRE ALARM INTERFACE MODULE TO RELEASE MAGNETIC LOCKS WHEN FIRE ALARM SYSTEM IS IN "ALARM" MODE.
- (S3) INSTALL DETECTOR AT TOP OF ELEVATOR SHAFT.
- (S4) CONNECT NEW COMMUNICATIONS JACK TO EXISTING PATCH PANEL IN ROOM E034B. PROVIDE (1) 1-INCH RACEWAY FROM COMMUNICATIONS OUTLET TO ROOM E034B.
- (S5) CONNECT TO EXISTING DETECTION LOOP ON THIS FLOOR. VERIFY EXACT LOCATION OF CONNECTION POINT.
- (S6) INSTALL TELECOMMUNICATIONS JACKS IN FLOOR BOX. PROVIDE (1) 1-INCH RACEWAY FROM FLOOR BOX TO ABOVE ACCESSIBLE CEILING FOR TELECOMMUNICATIONS CABLES.
- (S7) INSTALL TELECOMMUNICATIONS OUTLET IN KNEE SPACE BELOW COUNTER TOP. SEE INTERIOR ELEVATIONS.
- (S8) INSTALL TELECOMMUNICATIONS OUTLET IN CEILING ADJACENT TO POWER RECEPTACLES. SEE REFLECTED CEILING PLAN.
- (S9) INSTALL TELECOMMUNICATIONS OUTLET BEHIND WALL-MOUNTED MONITOR. SEE INTERIOR ELEVATIONS.
- (S10) INSTALL NEW PAGING SPEAKER AND CONNECT TO NEAREST PAGING SPEAKER.
- (S11) INSTALL TELECOMMUNICATIONS OUTLET ADJACENT TO MECHANICAL EQUIPMENT CONTROL PANEL.
- (S12) INSTALL DUCT SMOKE DETECTOR IN SUPPLY AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.
- (S13) INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.
- (S14) EXTEND FIRE/SMOKE DAMPER CIRCUIT TO ROOM M301.
- (S15) CONNECT TO 120-VAC DAMPER CIRCUIT. EXTEND 120-VAC DAMPER CIRCUIT TO OTHER DAMPERS AS INDICATED.
- (S16) PROVIDE NEW ON/OFF SWITCH ON EXISTING FIRE ALARM CONTROL PANEL LOCATED ON THE FIRST FLOOR OF BUILDING 1. PROGRAM EXISTING FIRE ALARM CONTROL PANEL TO PROVIDE MANUAL OPEN/CLOSE CONTROL OF DAMPER AT TOP OF SHAFT.
- (S17) INSTALL OUTLETS IN PERMANENT WALL BEHIND MODULAR FURNITURE.
- (S18) INSTALL ACCESS CONTROL CARD READER IN ELEVATOR CAB. PROVIDE CABLING BETWEEN CARD READER AND ELEVATOR CONTROLLER.
- (S19) PROVIDE TELECOMMUNICATIONS OUTLET ADJACENT TO DOOR CONTROLLER FOR CONNECTION TO ACCESS CONTROL SERVER.
- (S20) A TOTAL OF (10) OF THE NEW TELECOMMUNICATIONS JACKS REQUIRED IN THIS AREA SHALL BE DESIGNATED FOR ANALOG SERVICE. VERIFY WHICH JACKS WILL BE SO DESIGNATED WITH THE GOVERNMENT PRIOR TO INSTALLING CABLE. TERMINATE DESIGNATED ANALOG JACKS AS INDICATED ON SHEET EG-602.
- (S21) NEW MAGNETIC DOOR HOLDERS SHALL RELEASE WHEN ADJACENT, CORRIDOR SMOKE DETECTORS ARE IN ALARM CONDITION.
- (S22) RELOCATE EXISTING FIRE ALARM, PAGING, TELECOMMUNICATIONS, ACCESS CONTROL AND CATV RACEWAY AND CABLING AS NECESSARY TO ACCOMMODATE NEW SHAFT ABOVE AND BELOW THIS FLOOR LEVEL.
- (S23) PROVIDE NEW MANUAL SWITCH IN EXISTING FIRE ALARM CONTROL PANEL. PROGRAM SWITCH TO MANUALLY OPEN/CLOSE NEW DAMPER AT TOP OF LIFT SHAFT ON 8TH FLOOR.
- (S24) DAMPERS SHALL CLOSE WHEN DUCT SMOKE DETECTOR SHUTS DOWN RESPECTIVE AIR HANDLING UNIT.
- (S25) DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN ROOM D200 AND WEST END OF CORRIDOR C202 GOES INTO ALARM CONDITION.
- (S26) DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN CORRIDOR C2D1 AND HALL C2D3 GOES INTO ALARM CONDITION.
- (S27) DAMPER SHALL CLOSE WHEN SMOKE DETECTOR IN HALL C2E2 OR SMOKE DETECTOR IN ROOM E202 GOES INTO ALARM CONDITION.
- (S28) INSTALL DUCT SMOKE DETECTOR IN HORIZONTAL DUCTWORK BRANCH CONNECTION TO VERTICAL DUCTWORK. DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR GOES INTO ALARM CONDITION.
- (S29) INSTALL NEW CEILING-MOUNTED SMOKE DETECTORS ON EXISTING CEILING. INSTALL BOXES AND RACEWAY ABOVE EXISTING CEILING.



KEY PLAN
NOT TO SCALE

DEPARTMENT OF VETERANS AFFAIRS
MEDICAL CENTER

CONSTRUCT ENDOSCOPY &
CENTRAL PROCESSING ADDITION,
VAMC SPOKANE
PRODUCT NUMBER 668-309
SHEET TITLE FIRST FLOOR PLAN - WEST
TELECOMMUNICATIONS & PAGING



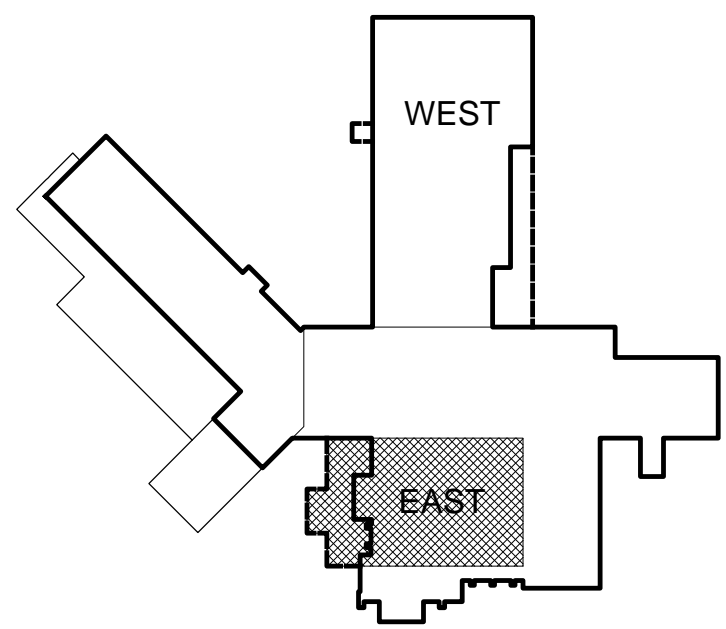
DESIGN BBT
DRAWN WMM
APPROVED BBT
DATE 01-19-2012
FILE NO. NAC# 111-10028
SHEET NO.

ET
104

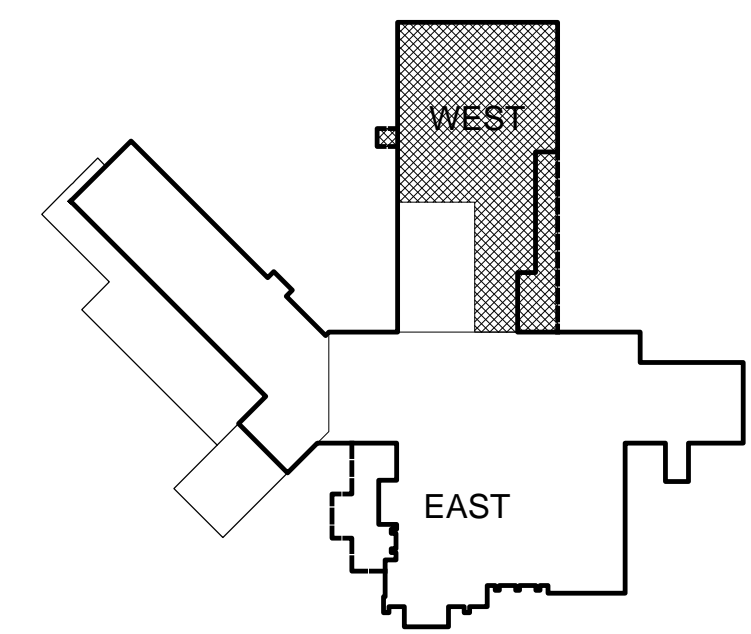
SHEET 192 OF 199

NAC ARCHITECTURE

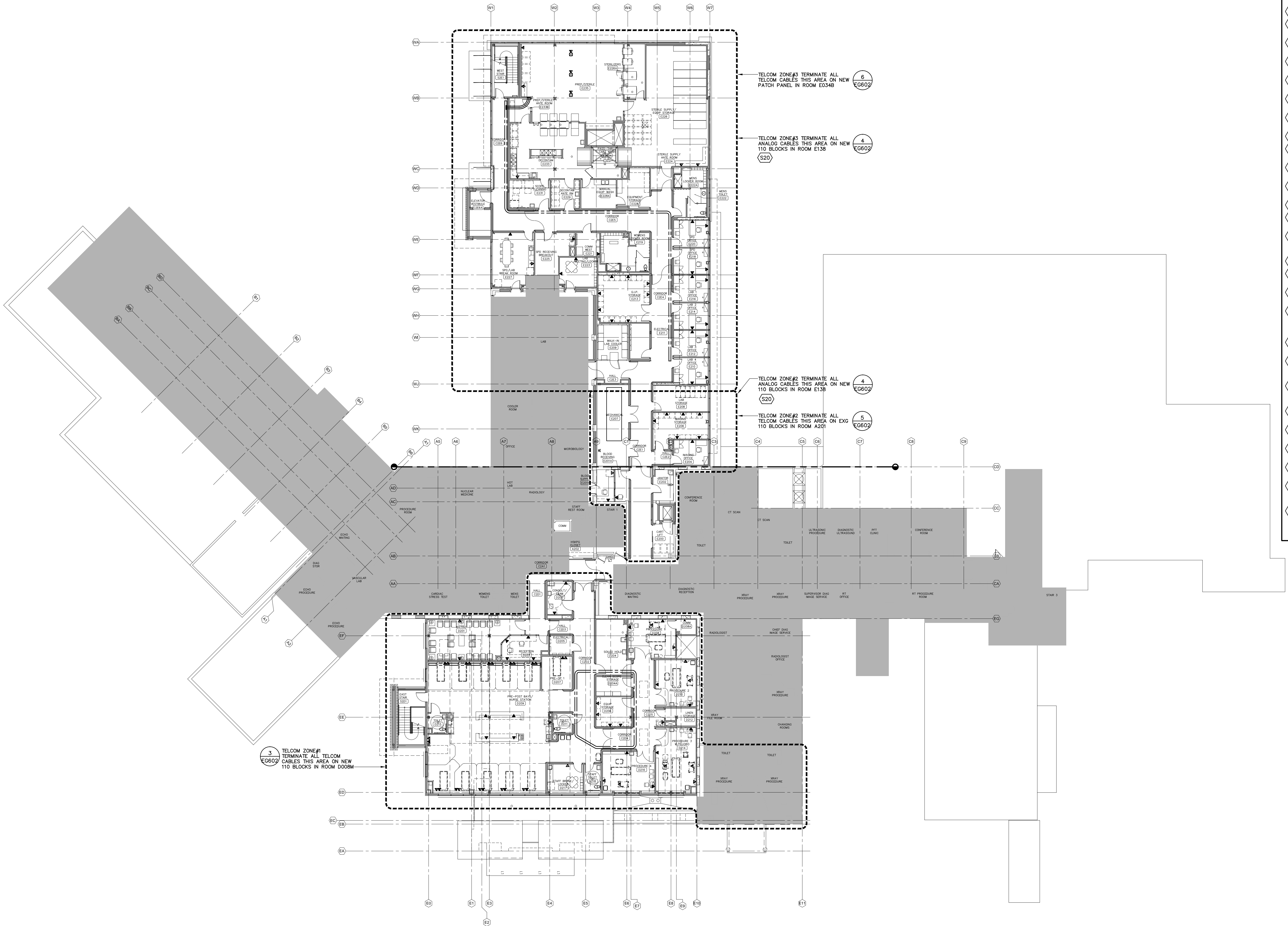
1203 W RIVERSIDE AVE | SPOKANE, WA 99201-1107 | P: 509.838.8240 | F: 509.838.8261



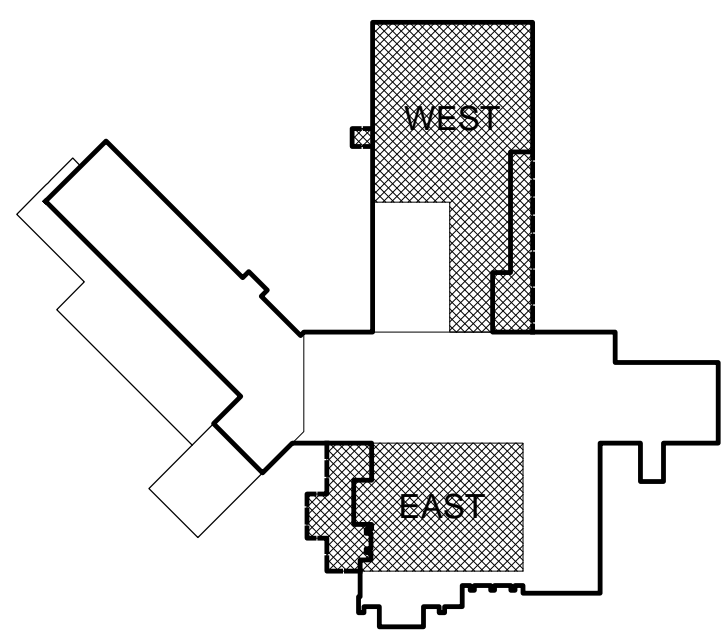
 **KEY PLAN**
NOT TO SCALE XKEYPLAN



 **KEY PLAN**
NOT TO SCALE XKEYPLAN



 **SECOND FLOOR PLAN: TELECOMMUNICATIONS CABLING ZONES**
Scale: 1/16" = 1'-0"
0 2 4 8 16'



 **KEY PLAN**
NOT TO SCALE

ELECTRICAL CODED NOTES

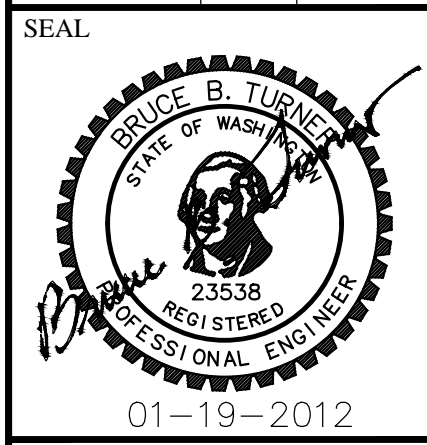
SIGNAL / COMMUNICATIONS NOTES

- (S1) TEST SWITCH FOR ELEVATOR HEAT DETECTORS.
- (S2) FIRE ALARM INTERFACE MODULE TO RELEASE MAGNETIC LOCKS WHEN FIRE ALARM SYSTEM IS IN "ALARM" MODE.
- (S3) INSTALL DETECTOR AT TOP OF ELEVATOR SHAFT.
- (S4) CONNECT NEW COMMUNICATIONS JACK TO EXISTING PATCH PANEL IN ROOM E034B. PROVIDE (1) 1-INCH RACEWAY FROM COMMUNICATIONS OUTLET TO ROOM E034B.
- (S5) CONNECT TO EXISTING DETECTION LOOP ON THIS FLOOR. VERIFY EXACT LOCATION OF CONNECTION POINT.
- (S6) INSTALL TELECOMMUNICATIONS JACKS IN FLOOR BOX. PROVIDE (1) 1-INCH RACEWAY FROM FLOOR BOX TO ABOVE ACCESSIBLE CEILING FOR TELECOMMUNICATIONS CABLES.
- (S7) INSTALL TELECOMMUNICATIONS OUTLET IN KNEE SPACE BELOW COUNTER TOP. SEE INTERIOR ELEVATIONS.
- (S8) INSTALL TELECOMMUNICATIONS OUTLET IN CEILING ADJACENT TO POWER RECEPTACLES. SEE REFLECTED CEILING PLAN.
- (S9) INSTALL TELECOMMUNICATIONS OUTLET BEHIND WALL-MOUNTED MONITOR. SEE INTERIOR ELEVATIONS.
- (S10) INSTALL NEW PAGING SPEAKER AND CONNECT TO NEAREST PAGING SPEAKER.
- (S11) INSTALL TELECOMMUNICATIONS OUTLET ADJACENT TO MECHANICAL EQUIPMENT CONTROL PANEL.
- (S12) INSTALL DUCT SMOKE DETECTOR IN SUPPLY AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.
- (S13) INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.
- (S14) EXTEND FIRE/SMOKE DAMPER CIRCUIT TO ROOM M301.
- (S15) CONNECT TO 120-VAC DAMPER CIRCUIT. EXTEND 120-VAC DAMPER CIRCUIT TO OTHER DAMPERS AS INDICATED.
- (S16) PROVIDE NEW ON/OFF SWITCH ON EXISTING FIRE ALARM CONTROL PANEL LOCATED ON THE FIRST FLOOR OF BUILDING 1. PROGRAM EXISTING FIRE ALARM CONTROL PANEL TO PROVIDE MANUAL OPEN/CLOSE CONTROL OF DAMPER AT TOP OF SHAFT.
- (S17) INSTALL OUTLETS IN PERMANENT WALL BEHIND MODULAR FURNITURE.
- (S18) INSTALL ACCESS CONTROL CARD READER IN ELEVATOR CAB. PROVIDE CABLING BETWEEN CARD READER AND ELEVATOR CONTROLLER.
- (S19) PROVIDE TELECOMMUNICATIONS OUTLET ADJACENT TO DOOR CONTROLLER FOR CONNECTION TO ACCESS CONTROL SERVER.
- (S20) A TOTAL OF (10) OF THE NEW TELECOMMUNICATIONS JACKS REQUIRED IN THIS AREA SHALL BE DESIGNATED FOR ANALOG SERVICE. VERIFY WHICH JACKS WILL BE SO DESIGNATED WITH THE GOVERNMENT PRIOR TO INSTALLING CABLE. TERMINATE DESIGNATED ANALOG JACKS AS INDICATED ON SHEET EG-602.
- (S21) NEW MAGNETIC DOOR HOLDERS SHALL RELEASE WHEN ADJACENT CORRIDOR SMOKE DETECTORS ARE IN ALARM CONDITION.
- (S22) RELOCATE EXISTING FIRE ALARM, PAGING, TELECOMMUNICATIONS, ACCESS CONTROL AND CATV RACEWAY AND CABLING AS NECESSARY TO ACCOMMODATE NEW SHAFT ABOVE AND BELOW THIS FLOOR LEVEL.
- (S23) PROVIDE NEW MANUAL SWITCH IN EXISTING FIRE ALARM CONTROL PANEL. PROGRAM SWITCH TO MANUALLY OPEN/CLOSE NEW DAMPER AT TOP OF LIFT SHAFT ON 8TH FLOOR.
- (S24) DAMPERS SHALL CLOSE WHEN DUCT SMOKE DETECTOR SHUTS DOWN RESPECTIVE AIR HANDLING UNIT.
- (S25) DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN ROOM D200 AND WEST END OF CORRIDOR C202 GOES INTO ALARM CONDITION.
- (S26) DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN CORRIDOR C201 AND HALL C203 GOES INTO ALARM CONDITION.
- (S27) DAMPER SHALL CLOSE WHEN SMOKE DETECTOR IN HALL C2E2 OR SMOKE DETECTOR IN ROOM E202 GOES INTO ALARM CONDITION.
- (S28) INSTALL DUCT SMOKE DETECTOR IN HORIZONTAL DUCTWORK BRANCH CONNECTION TO VERTICAL DUCTWORK. DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR GOES INTO ALARM CONDITION.
- (S29) INSTALL NEW CEILING-MOUNTED SMOKE DETECTORS ON EXISTING CEILING. INSTALL BOXES AND RACEWAY ABOVE EXISTING CEILING.

DEPARTMENT OF VETERANS AFFAIRS
MEDICAL CENTER

CONSTRUCT ENDOSCOPY &
CENTRAL PROCESSING ADDITION,
VAMC SPOKANE
PROJECT NUMBER 668-309

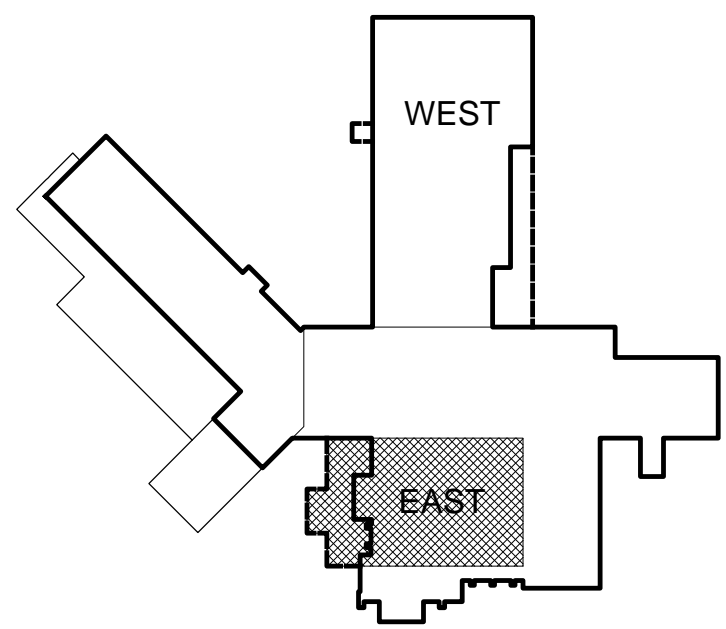
SHEET TITLE
SECOND FLOOR PLAN -
TELECOMMUNICATIONS CABLING



DESIGN BBT
DRAWN KVT
APPROVED BBT
DATE 01-19-2012
FILE NO. NAC# 111-10028

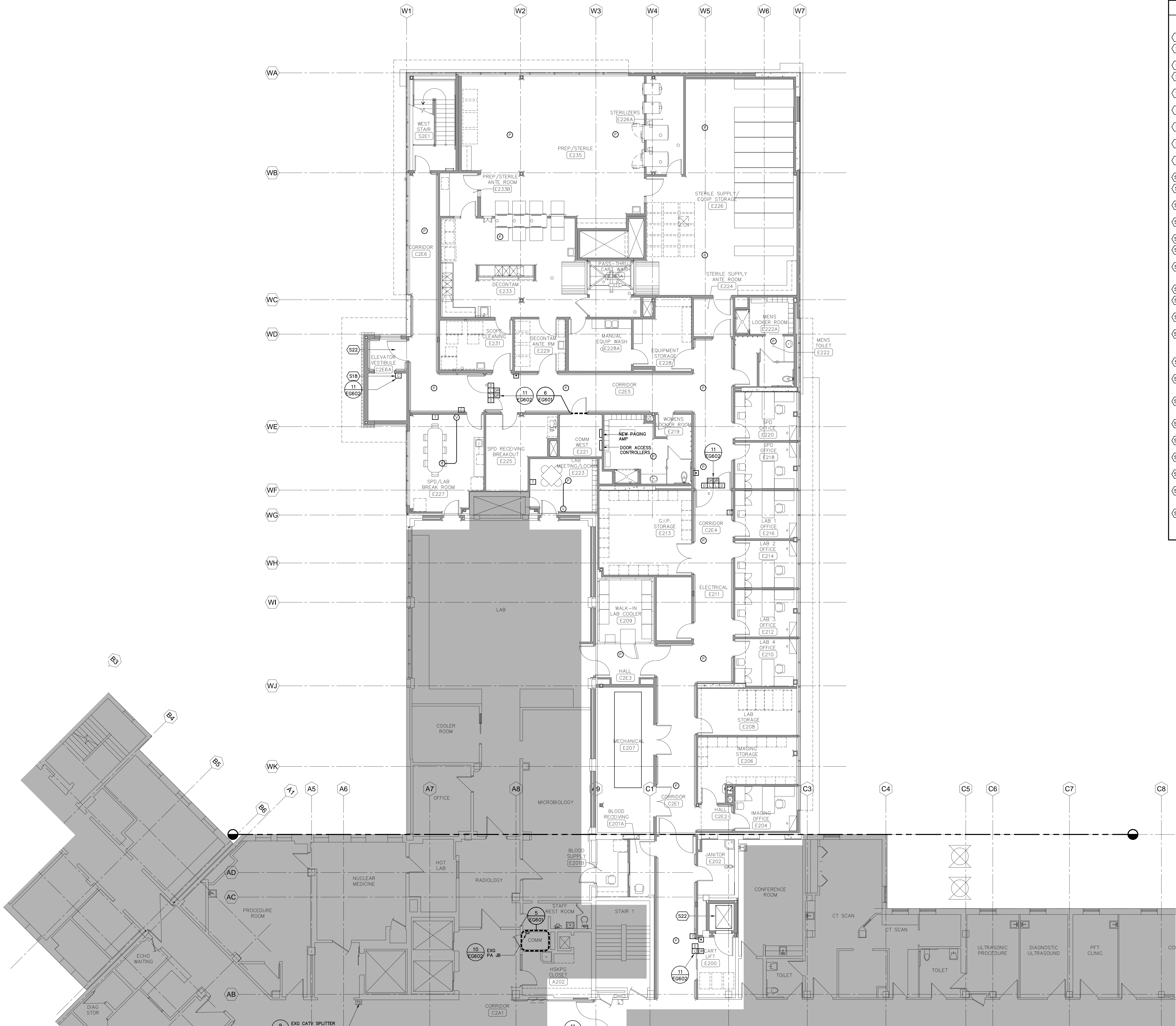
SHEET NO.
ET 107
SHEET 195 OF 199

NAC ARCHITECTURE
1203 W RIVERSIDE AVE | SPOKANE, WA 99201-1107 | P: 509.838.8240 | F: 509.838.8261

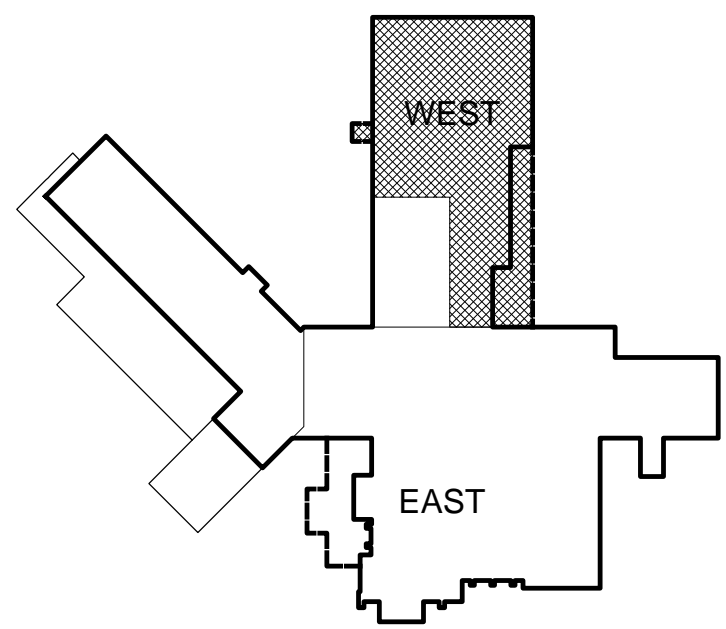


XKEYPLAN

SHEET 196 OF 199



SECOND FLOOR PLAN - WEST: PAGING, CATV & ACCESS CONTROL
Scale: 1/8" = 1'-0"
0 2 4 8' 16'



KEY PLAN
NOT TO SCALE

- ELECTRICAL CODED NOTES**
- SIGNAL / COMMUNICATIONS NOTES**
- (S1) TEST SWITCH FOR ELEVATOR HEAT DETECTORS.
 - (S2) FIRE ALARM INTERFACE MODULE TO RELEASE MAGNETIC LOCKS WHEN FIRE ALARM SYSTEM IS IN "ALARM" MODE.
 - (S3) INSTALL DETECTOR AT TOP OF ELEVATOR SHAFT.
 - (S4) CONNECT NEW COMMUNICATIONS JACK TO EXISTING PATCH PANEL IN ROOM E034B. PROVIDE (1) 1-INCH RACEWAY FROM COMMUNICATIONS OUTLET TO ROOM E034B.
 - (S5) CONNECT TO EXISTING DETECTION LOOP ON THIS FLOOR. VERIFY EXACT LOCATION OF CONNECTION POINT.
 - (S6) INSTALL TELECOMMUNICATIONS JACKS IN FLOOR BOX. PROVIDE (1) 1-INCH RACEWAY FROM FLOOR BOX TO ABOVE ACCESSIBLE CEILING FOR TELECOMMUNICATIONS CABLES. SEE REFLECTED CEILING PLAN.
 - (S7) INSTALL TELECOMMUNICATIONS OUTLET IN KNEE SPACE BELOW COUNTER TOP. SEE INTERIOR ELEVATIONS.
 - (S8) INSTALL TELECOMMUNICATIONS OUTLET IN CEILING ADJACENT TO POWER RECEPTACLES. SEE REFLECTED CEILING PLAN.
 - (S9) INSTALL TELECOMMUNICATIONS OUTLET BEHIND WALL-MOUNTED MONITOR. SEE INTERIOR ELEVATIONS.
 - (S10) INSTALL NEW PAGING SPEAKER AND CONNECT TO NEAREST PAGING SPEAKER.
 - (S11) INSTALL TELECOMMUNICATIONS OUTLET ADJACENT TO MECHANICAL EQUIPMENT CONTROL PANEL.
 - (S12) INSTALL DUCT SMOKE DETECTOR IN SUPPLY AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.
 - (S13) INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.
 - (S14) EXTEND FIRE/SMOKE DAMPER CIRCUIT TO ROOM M301.
 - (S15) CONNECT TO 120-VAC DAMPER CIRCUIT. EXTEND 120-VAC DAMPER CIRCUIT TO OTHER DAMPERS AS INDICATED.
 - (S16) PROVIDE NEW ON/OFF SWITCH ON EXISTING FIRE ALARM CONTROL PANEL LOCATED ON THE FIRST FLOOR OF BUILDING 1. PROGRAM EXISTING FIRE ALARM CONTROL PANEL TO PROVIDE MANUAL OPEN/CLOSE CONTROL OF DAMPER AT TOP OF SHAFT.
 - (S17) INSTALL OUTLETS IN PERMANENT WALL BEHIND MODULAR FURNITURE.
 - (S18) INSTALL ACCESS CONTROL CARD READER IN ELEVATOR CAB. PROVIDE CABLING BETWEEN CARD READER AND ELEVATOR CONTROLLER.
 - (S19) PROVIDE TELECOMMUNICATIONS OUTLET ADJACENT TO DOOR CONTROLLER FOR CONNECTION TO ACCESS CONTROL SERVER.
 - (S20) A TOTAL OF (10) OF THE NEW TELECOMMUNICATIONS JACKS REQUIRED IN THIS AREA SHALL BE DESIGNATED FOR ANALOG SERVICE. VERIFY WHICH JACKS WILL BE SO DESIGNATED WITH THE GOVERNMENT PRIOR TO INSTALLING CABLE. TERMINATE DESIGNATED ANALOG JACKS AS INDICATED ON SHEET EG-602.
 - (S21) NEW MAGNETIC DOOR HOLDERS SHALL RELEASE WHEN ADJACENT, CORRIDOR SMOKE DETECTORS ARE IN ALARM CONDITION.
 - (S22) RELOCATE EXISTING FIRE ALARM, PAGING, TELECOMMUNICATIONS, ACCESS CONTROL AND CATV RACEWAY AND CABLING AS NECESSARY TO ACCOMMODATE NEW SHAFT ABOVE AND BELOW THIS FLOOR LEVEL.
 - (S23) PROVIDE NEW MANUAL SWITCH IN EXISTING FIRE ALARM CONTROL PANEL. PROGRAM SWITCH TO MANUALLY OPEN/CLOSE NEW DAMPER AT TOP OF LIFT SHAFT ON 8TH FLOOR.
 - (S24) DAMPERS SHALL CLOSE WHEN DUCT SMOKE DETECTOR SHUTS DOWN RESPECTIVE AIR HANDLING UNIT.
 - (S25) DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN ROOM D200 AND WEST END OF CORRIDOR C202 GOES INTO ALARM CONDITION.
 - (S26) DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN CORRIDOR C201 AND HALL C223 GOES INTO ALARM CONDITION.
 - (S27) DAMPER SHALL CLOSE WHEN SMOKE DETECTOR IN HALL C2E2 OR SMOKE DETECTOR IN ROOM E202 GOES INTO ALARM CONDITION.
 - (S28) INSTALL DUCT SMOKE DETECTOR IN HORIZONTAL DUCTWORK BRANCH CONNECTION TO VERTICAL DUCTWORK. DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR GOES INTO ALARM CONDITION.
 - (S29) INSTALL NEW CEILING-MOUNTED SMOKE DETECTORS ON EXISTING CEILING. INSTALL BOXES AND RACEWAY ABOVE EXISTING CEILING.

NAC ARCHITECTURE

1203 W RIVERSIDE AVE | SPOKANE, WA 99201-1107 | P: 509.838.8240 | F: 509.838.8261

DEPARTMENT OF VETERANS AFFAIRS
MEDICAL CENTER

DEPARTMENT OF ENGINEERING OPERATIONS
SPOKANE, WA 99205-6197
FAX: 509-434-7135

CONSTRUCT ENDOSCOPY & CENTRAL PROCESSING ADDITION,
VAMC SPOKANE

PRODUCT NUMBER
668-309

SHEET TITLE
SECOND FLOOR PLAN - WEST
PAGING & CATV

01-19-2012

SEAL
ARCHITECT
STATE OF WASHINGTON
23536
REGISTERED
PROFESSIONAL ENGINEER

01-19-2012

DESIGN
BBT

DRAWN
KVT

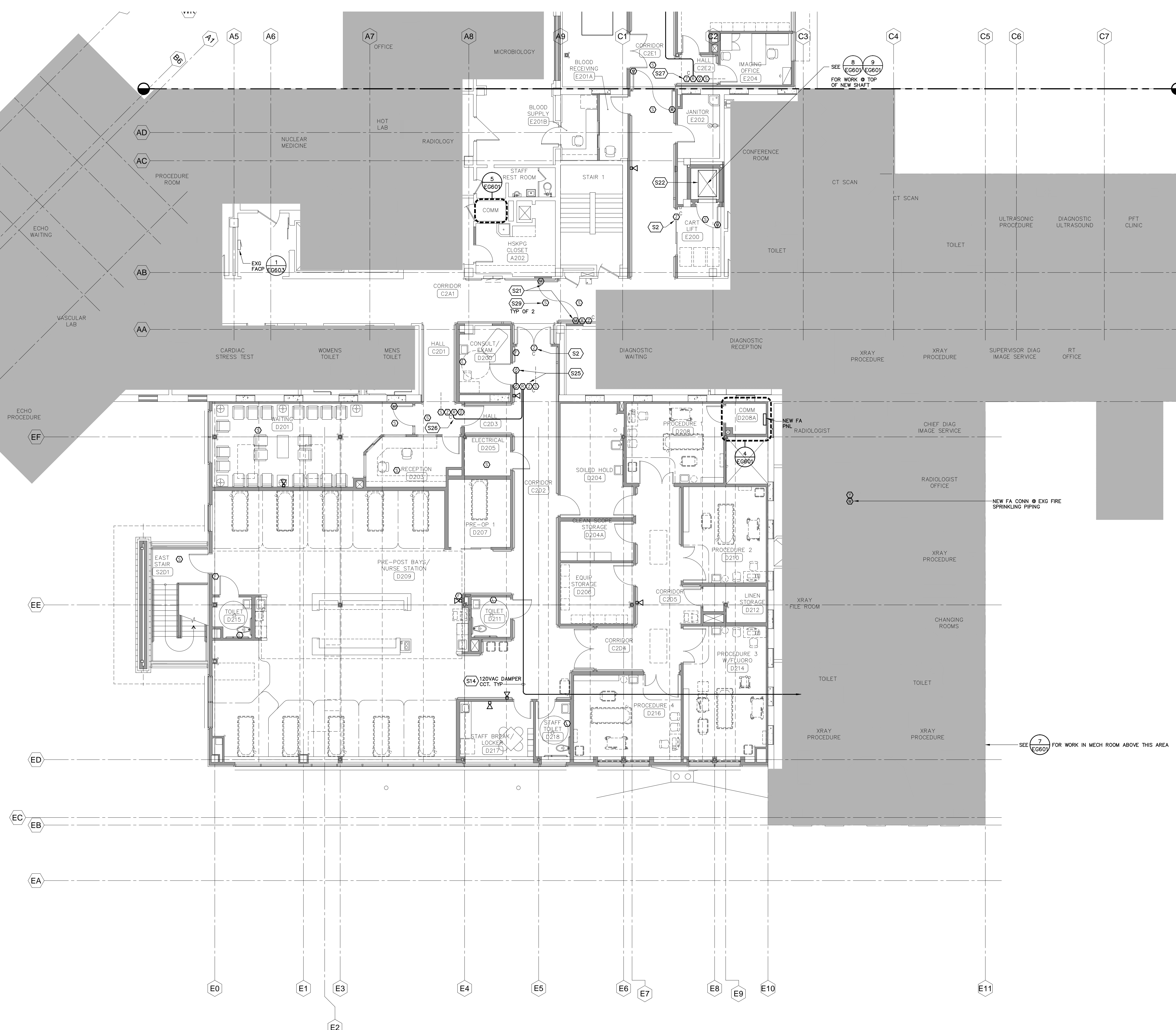
APPROVED
BBT

DATE
01-19-2012

FILE NO.
NAC# 111-10028

SHEET NO.
EY
102

SHEET 197 OF 199

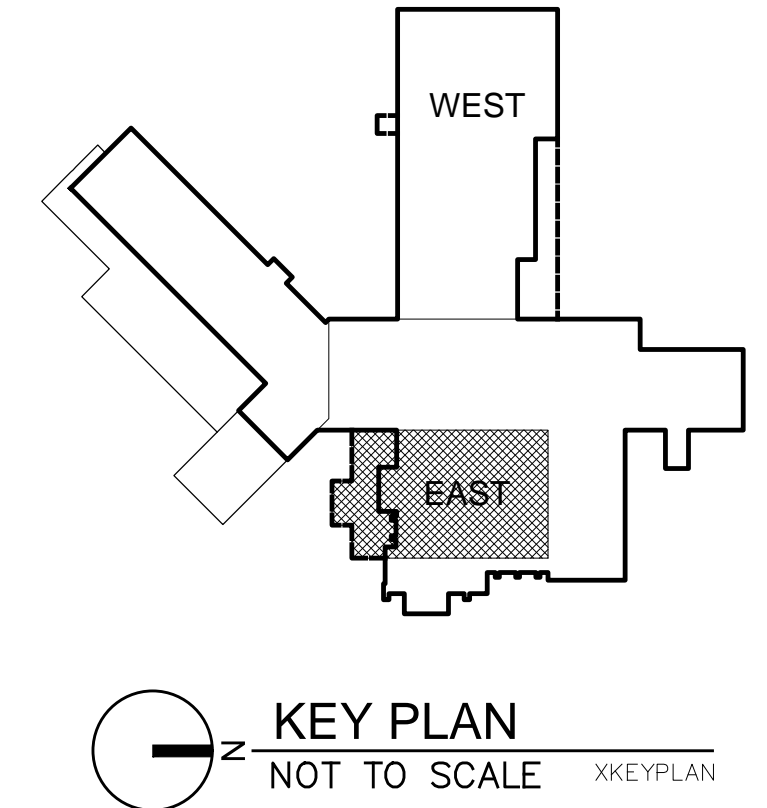


ELECTRICAL CODED NOTES

SIGNAL / COMMUNICATIONS NOTES

- (S1) TEST SWITCH FOR ELEVATOR HEAT DETECTORS.
- (S2) FIRE ALARM INTERFACE MODULE TO RELEASE MAGNETIC LOCKS WHEN FIRE ALARM SYSTEM IS IN "ALARM" MODE.
- (S3) INSTALL DETECTOR AT TOP OF ELEVATOR SHAFT.
- (S4) CONNECT NEW COMMUNICATIONS JACK TO EXISTING PATCH PANEL IN ROOM E034B. PROVIDE (1) 1-INCH RACEWAY FROM COMMUNICATIONS OUTLET TO ROOM E034B.
- (S5) CONNECT TO EXISTING DETECTION LOOP ON THIS FLOOR. VERIFY EXACT LOCATION OF CONNECTION POINT.
- (S6) INSTALL TELECOMMUNICATIONS JACKS IN FLOOR BOX. PROVIDE (1) 1-INCH RACEWAY FROM FLOOR BOX TO ABOVE ACCESSIBLE CEILING FOR TELECOMMUNICATIONS CABLES. INTERIOR ELEVATIONS.
- (S7) INSTALL TELECOMMUNICATIONS OUTLET IN KNEE SPACE BELOW COUNTER TOP. SEE INTERIOR ELEVATIONS.
- (S8) INSTALL TELECOMMUNICATIONS OUTLET IN CEILING ADJACENT TO POWER RECEPTACLES. SEE REFLECTED CEILING PLAN.
- (S9) INSTALL TELECOMMUNICATIONS OUTLET BEHIND WALL-MOUNTED MONITOR. SEE INTERIOR ELEVATIONS.
- (S10) INSTALL NEW PAGING SPEAKER AND CONNECT TO NEAREST PAGING SPEAKER.
- (S11) INSTALL TELECOMMUNICATIONS OUTLET ADJACENT TO MECHANICAL EQUIPMENT CONTROL PANEL.
- (S12) INSTALL DUCT SMOKE DETECTOR IN SUPPLY AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.
- (S13) INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.
- (S14) EXTEND FIRE/SMOKE DAMPER CIRCUIT TO ROOM M301.
- (S15) CONNECT TO 120-VAC DAMPER CIRCUIT. EXTEND 120-VAC DAMPER CIRCUIT TO OTHER DAMPERS AS INDICATED.
- (S16) PROVIDE NEW ON/OFF SWITCH ON EXISTING FIRE ALARM CONTROL PANEL LOCATED ON THE FIRST FLOOR OF BUILDING 1. PROGRAM EXISTING FIRE ALARM CONTROL PANEL TO PROVIDE MANUAL OPEN/CLOSE CONTROL OF DAMPER AT TOP OF SHAFT.
- (S17) INSTALL OUTLETS IN PERMANENT WALL BEHIND MODULAR FURNITURE.
- (S18) INSTALL ACCESS CONTROL CARD READER IN ELEVATOR CAB. PROVIDE CABLING BETWEEN CARD READER AND ELEVATOR CONTROLLER.
- (S19) PROVIDE TELECOMMUNICATIONS OUTLET ADJACENT TO DOOR CONTROLLER FOR CONNECTION TO ACCESS CONTROL SERVER.
- (S20) A TOTAL OF (10) OF THE NEW TELECOMMUNICATIONS JACKS REQUIRED IN THIS AREA SHALL BE DESIGNATED FOR ANALOG SERVICE. VERIFY WHICH JACKS WILL BE SO DESIGNATED WITH THE GOVERNMENT PRIOR TO INSTALLING CABLE. TERMINATE DESIGNATED ANALOG JACKS AS INDICATED ON SHEET EG-602.
- (S21) NEW MAGNETIC DOOR HOLDERS SHALL RELEASE WHEN ADJACENT, CORRIDOR SMOKE DETECTORS ARE IN ALARM CONDITION.
- (S22) RELOCATE EXISTING FIRE ALARM, PAGING, TELECOMMUNICATIONS, ACCESS CONTROL AND CATV RACEWAY AND CABLING AS NECESSARY TO ACCOMMODATE NEW SHAFT ABOVE AND BELOW THIS FLOOR LEVEL.
- (S23) PROVIDE NEW MANUAL SWITCH IN EXISTING FIRE ALARM CONTROL PANEL. PROGRAM SWITCH TO MANUALLY OPEN/CLOSE NEW DAMPER AT TOP OF LIFT SHAFT ON 8TH FLOOR.
- (S24) DAMPERS SHALL CLOSE WHEN DUCT SMOKE DETECTOR SHUTS DOWN RESPECTIVE AIR HANDLING UNIT.
- (S25) DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN ROOM D200 AND WEST END OF CORRIDOR C202 GOES INTO ALARM CONDITION.
- (S26) DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN CORRIDOR C201 AND HALL C203 GOES INTO ALARM CONDITION.
- (S27) DAMPER SHALL CLOSE WHEN SMOKE DETECTOR IN HALL C202 OR SMOKE DETECTOR IN ROOM E202 GOES INTO ALARM CONDITION.
- (S28) INSTALL DUCT SMOKE DETECTOR IN HORIZONTAL DUCTWORK BRANCH CONNECTION TO VERTICAL DUCTWORK. DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR GOES INTO ALARM CONDITION.
- (S29) INSTALL NEW CEILING-MOUNTED SMOKE DETECTORS ON EXISTING CEILING. INSTALL BOXES AND RACEWAY ABOVE EXISTING CEILING.

SECOND FLOOR PLAN - EAST: FIRE ALARM
Scale: 1/8" = 1'-0"
0 2 4 8 16'



NAC ARCHITECTURE

1203 W RIVERSIDE AVE | SPOKANE, WA 99201-1107 | P: 509.838.8340 | F: 509.838.8261

DEPARTMENT OF VETERANS AFFAIRS
MEDICAL CENTER

DEPARTMENT OF ENGINEERING OPERATIONS
MAIN OFFICE 509-434-7000

CONSTRUCT ENDOSCOPY &
CENTRAL PROCESSING ADDITION,
VAMC SPOKANE

PROJECT NUMBER
668-309

SHEET TITLE
SECOND FLOOR PLAN - EAST
FIRE ALARM

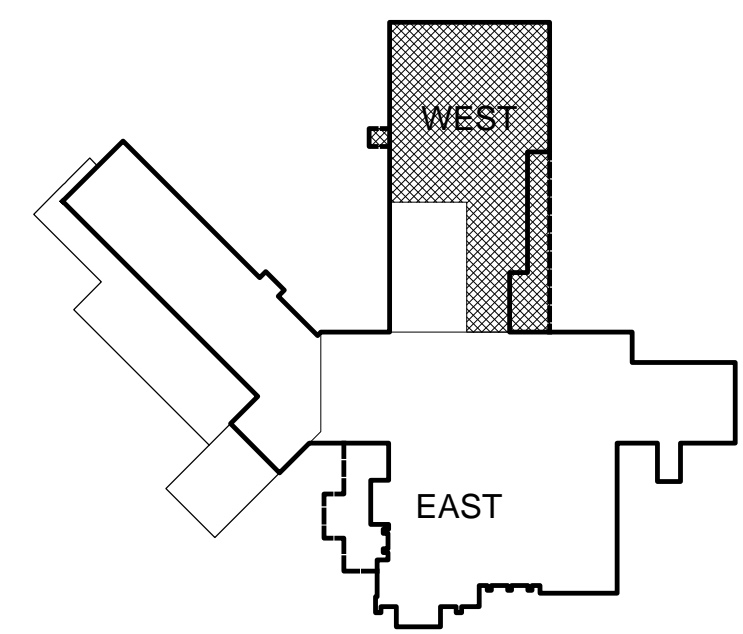
01-19-2012

SEAL
ARCHITECT
STATE OF WASHINGTON
23536
REGISTERED
PROFESSIONAL ENGINEER
01-19-2012

DESIGN BBT
DRAWN KVT
APPROVED BBT
DATE 01-19-2012
FILE NO.
NAC# 111-10028
SHEET NO.
FA
101
SHEET 198 OF 199



SECOND FLOOR PLAN - WEST: FIRE ALARM
Scale: 1/8" = 1'-0"
0 2 4 8' 16'



KEY PLAN
NOT TO SCALE

ELECTRICAL CODED NOTES

SIGNAL / COMMUNICATIONS NOTES

- (S1) TEST SWITCH FOR ELEVATOR HEAT DETECTORS.
- (S2) FIRE ALARM INTERFACE MODULE TO RELEASE MAGNETIC LOCKS WHEN FIRE ALARM SYSTEM IS IN "ALARM" MODE.
- (S3) INSTALL DETECTOR AT TOP OF ELEVATOR SHAFT.
- (S4) CONNECT NEW COMMUNICATIONS JACK TO EXISTING PATCH PANEL IN ROOM E034B. PROVIDE (1) 1-INCH RACEWAY FROM COMMUNICATIONS OUTLET TO ROOM E034B.
- (S5) CONNECT TO EXISTING DETECTION LOOP ON THIS FLOOR. VERIFY EXACT LOCATION OF CONNECTION POINT.
- (S6) INSTALL TELECOMMUNICATIONS JACKS IN FLOOR BOX. PROVIDE (1) 1-INCH RACEWAY FROM FLOOR BOX TO ABOVE ACCESSIBLE CEILING FOR TELECOMMUNICATIONS CABLES.
- (S7) INSTALL TELECOMMUNICATIONS OUTLET IN KNEE SPACE BELOW COUNTER TOP. SEE INTERIOR ELEVATIONS.
- (S8) INSTALL TELECOMMUNICATIONS OUTLET IN CEILING ADJACENT TO POWER RECEPTACLES. SEE REFLECTED CEILING PLAN.
- (S9) INSTALL TELECOMMUNICATIONS OUTLET BEHIND WALL-MOUNTED MONITOR. SEE INTERIOR ELEVATIONS.
- (S10) INSTALL NEW PAGING SPEAKER AND CONNECT TO NEAREST PAGING SPEAKER.
- (S11) INSTALL TELECOMMUNICATIONS OUTLET ADJACENT TO MECHANICAL EQUIPMENT CONTROL PANEL.
- (S12) INSTALL DUCT SMOKE DETECTOR IN SUPPLY AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.
- (S13) INSTALL DUCT SMOKE DETECTOR IN RETURN AIR DUCT. CONNECT FIRE ALARM RELAY CONTACTS TO FAN CONTROL CIRCUIT.
- (S14) EXTEND FIRE/SMOKE DAMPER CIRCUIT TO ROOM M301.
- (S15) CONNECT TO 120-VAC DAMPER CIRCUIT. EXTEND 120-VAC DAMPER CIRCUIT TO OTHER DAMPERS AS INDICATED.
- (S16) PROVIDE NEW ON/OFF SWITCH ON EXISTING FIRE ALARM CONTROL PANEL LOCATED ON THE FIRST FLOOR OF BUILDING 1. PROGRAM EXISTING FIRE ALARM CONTROL PANEL TO PROVIDE MANUAL OPEN/CLOSE CONTROL OF DAMPER AT TOP OF SHAFT.
- (S17) INSTALL OUTLETS IN PERMANENT WALL BEHIND MODULAR FURNITURE.
- (S18) INSTALL ACCESS CONTROL CARD READER IN ELEVATOR CAB. PROVIDE CABLING BETWEEN CARD READER AND ELEVATOR CONTROLLER.
- (S19) PROVIDE TELECOMMUNICATIONS OUTLET ADJACENT TO DOOR CONTROLLER FOR CONNECTION TO ACCESS CONTROL SERVER.
- (S20) A TOTAL OF (10) OF THE NEW TELECOMMUNICATIONS JACKS REQUIRED IN THIS AREA SHALL BE DESIGNATED FOR ANALOG SERVICE. VERIFY WHICH JACKS WILL BE SO DESIGNATED WITH THE GOVERNMENT PRIOR TO INSTALLING CABLE. TERMINATE DESIGNATED ANALOG JACKS AS INDICATED ON SHEET EG-602.
- (S21) NEW MAGNETIC DOOR HOLDERS SHALL RELEASE WHEN ADJACENT, CORRIDOR SMOKE DETECTORS ARE IN ALARM CONDITION.
- (S22) RELOCATE EXISTING FIRE ALARM, PAGING, TELECOMMUNICATIONS, ACCESS CONTROL AND CATV RACEWAY AND CABLING AS NECESSARY TO ACCOMMODATE NEW SHAFT ABOVE AND BELOW THIS FLOOR LEVEL.
- (S23) PROVIDE NEW MANUAL SWITCH IN EXISTING FIRE ALARM CONTROL PANEL. PROGRAM SWITCH TO MANUALLY OPEN/CLOSE NEW DAMPER AT TOP OF LIFT SHAFT ON 8TH FLOOR.
- (S24) DAMPERS SHALL CLOSE WHEN DUCT SMOKE DETECTOR SHUTS DOWN RESPECTIVE AIR HANDLING UNIT.
- (S25) DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN ROOM D200 AND WEST END OF CORRIDOR C202 GOES INTO ALARM CONDITION.
- (S26) DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR BETWEEN CORRIDOR C2D1 AND HALL C2D3 GOES INTO ALARM CONDITION.
- (S27) DAMPER SHALL CLOSE WHEN SMOKE DETECTOR IN HALL C2E2 OR SMOKE DETECTOR IN ROOM E202 GOES INTO ALARM CONDITION.
- (S28) INSTALL DUCT SMOKE DETECTOR IN HORIZONTAL DUCTWORK BRANCH CONNECTION TO VERTICAL DUCTWORK. DAMPER SHALL CLOSE WHEN DUCT SMOKE DETECTOR GOES INTO ALARM CONDITION.
- (S29) INSTALL NEW CEILING-MOUNTED SMOKE DETECTORS ON EXISTING CEILING. INSTALL BOXES AND RACEWAY ABOVE EXISTING CEILING.

